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FIG. 1

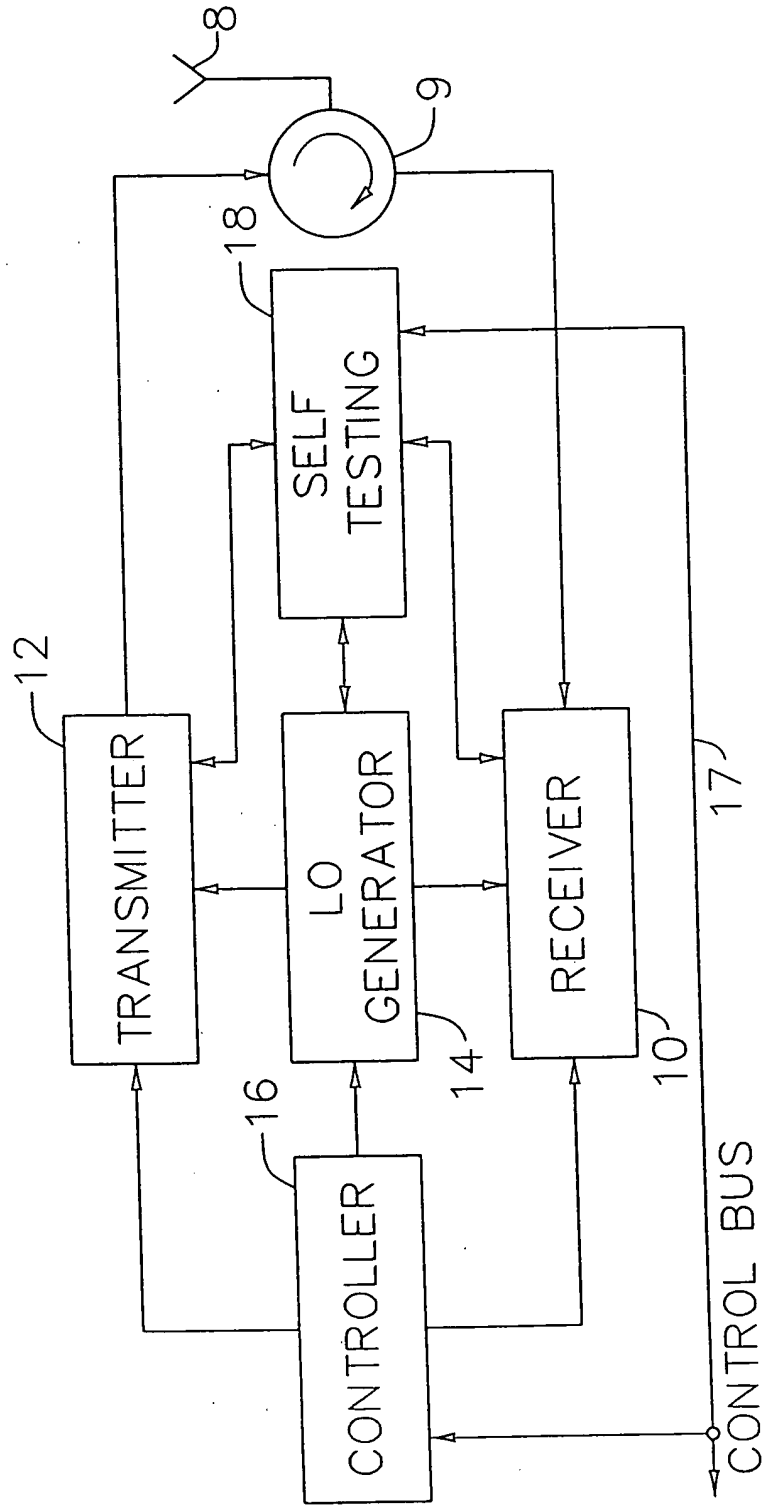
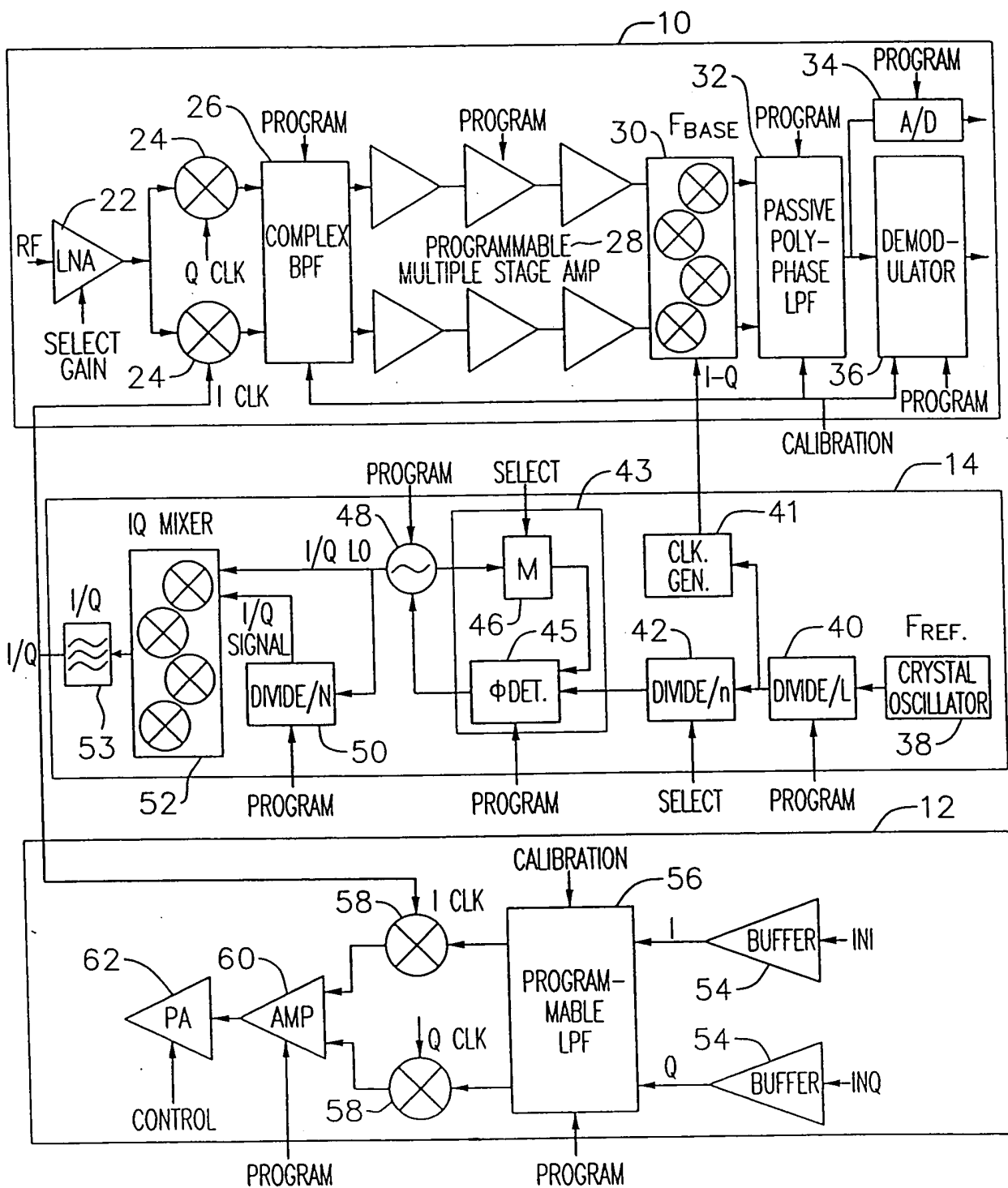




FIG. 2



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FIG. 3

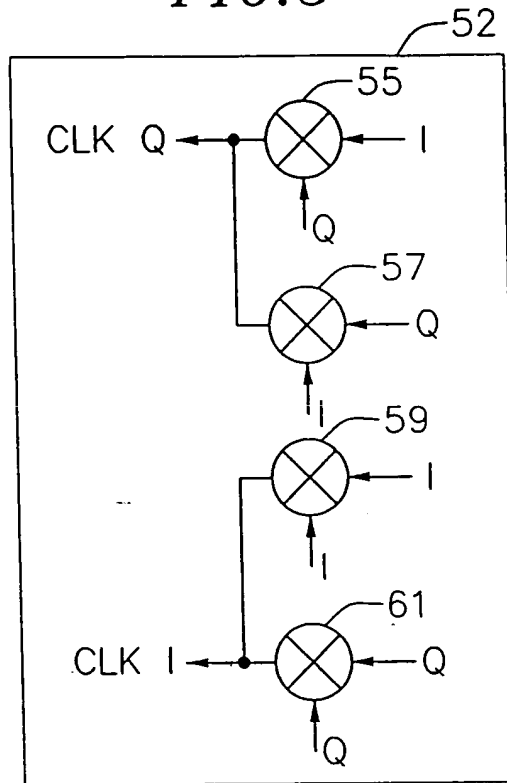
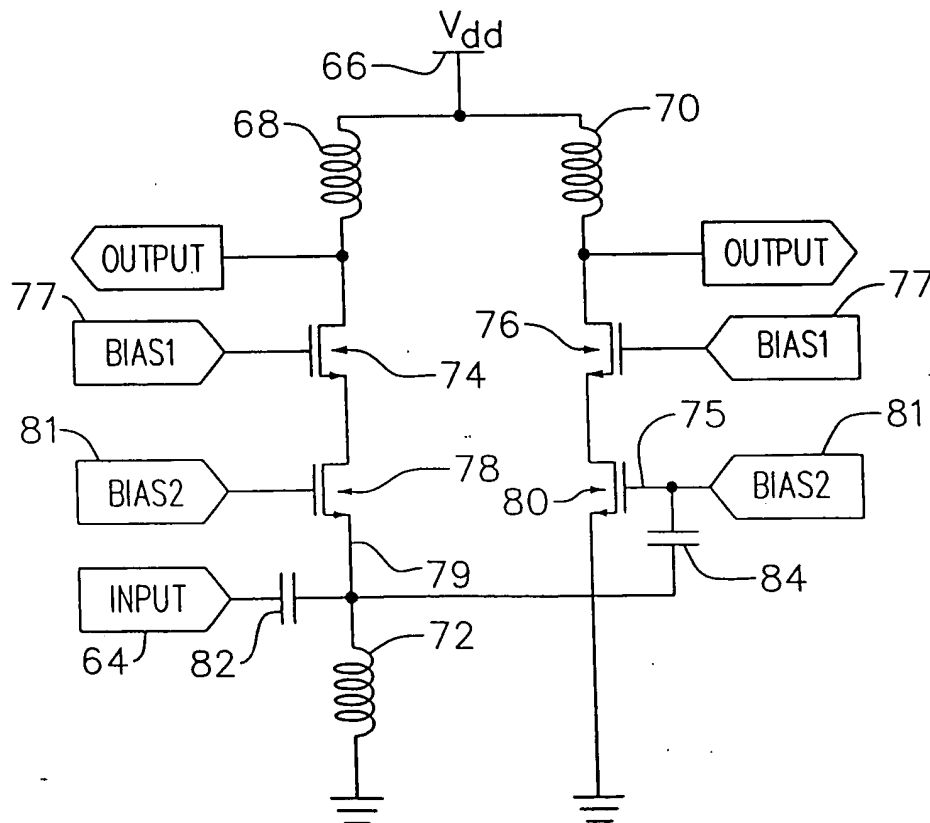


FIG. 4



[illegible]

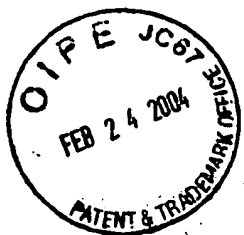
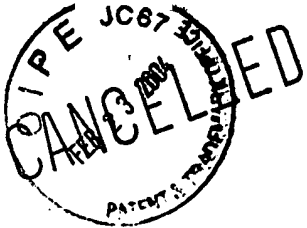
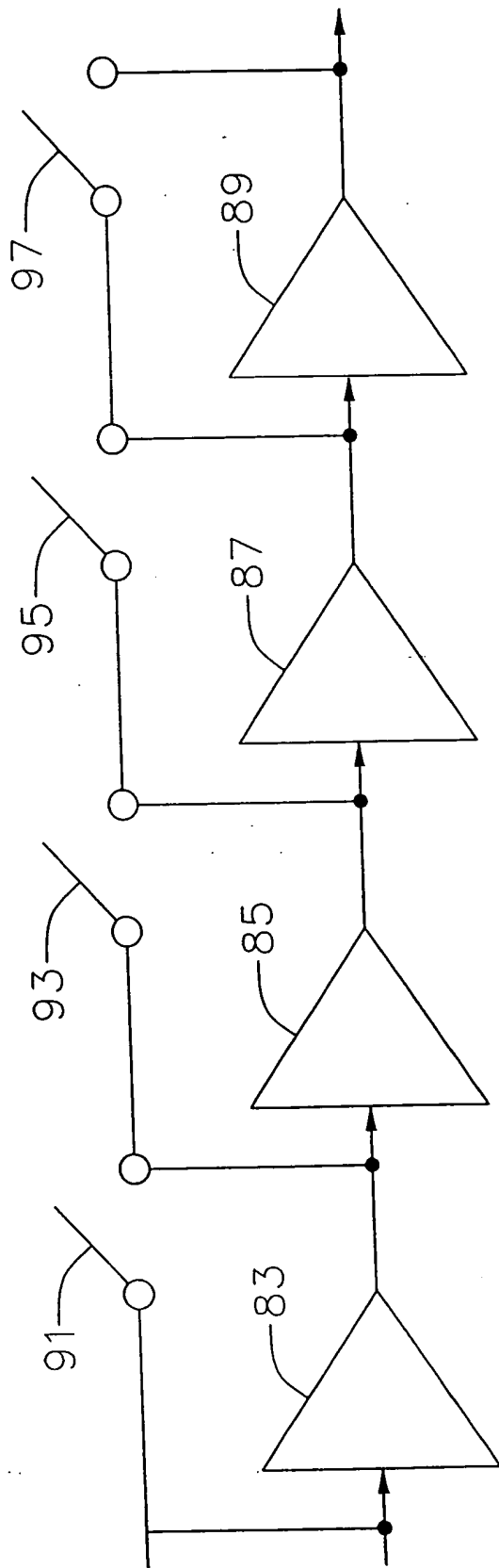


FIG.5



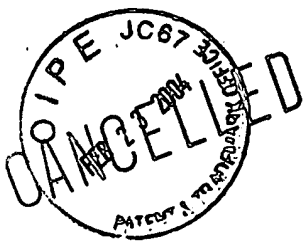
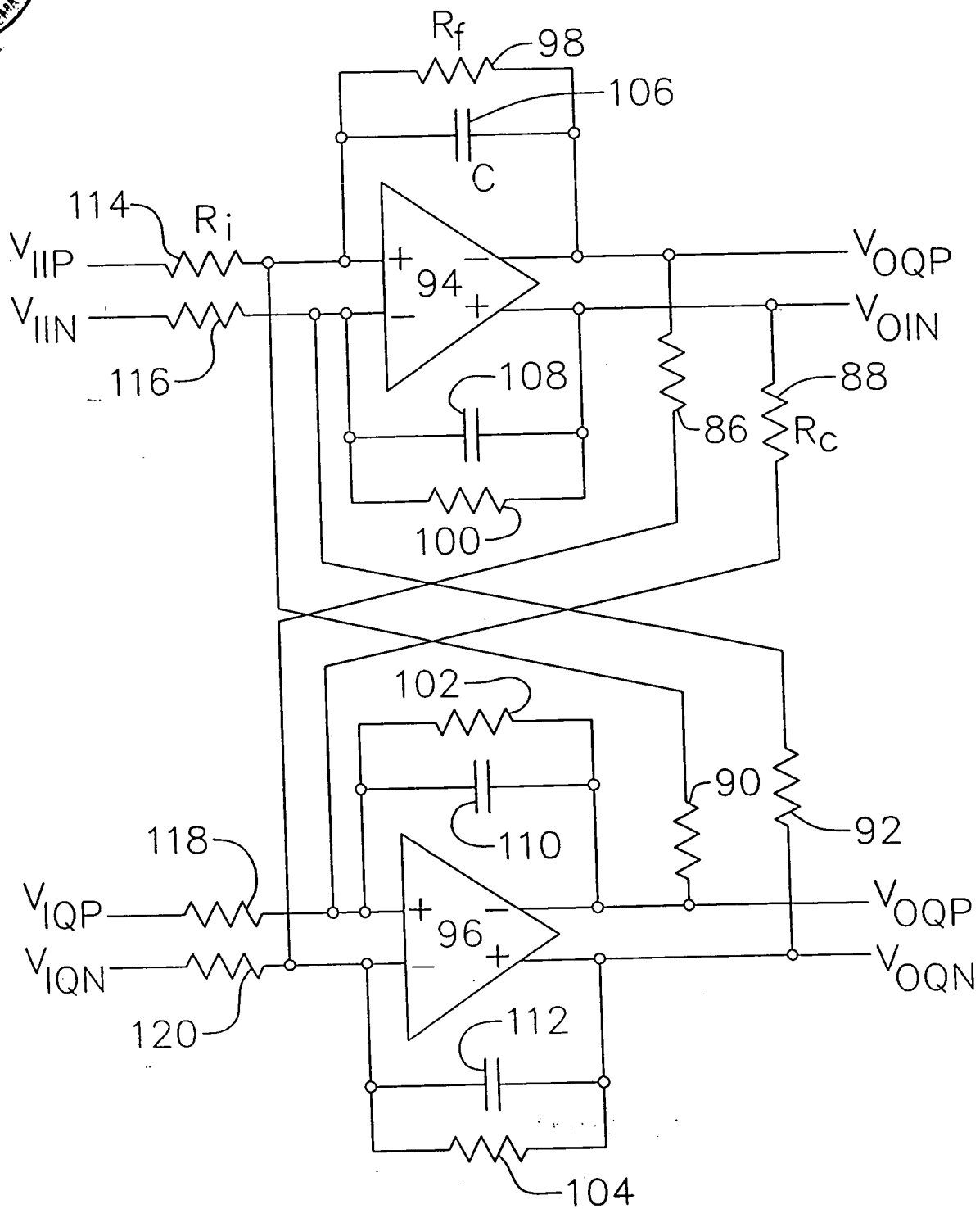


FIG. 6



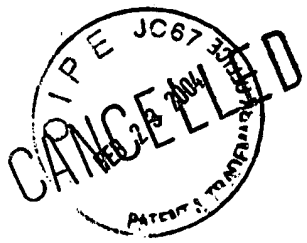


FIG. 7

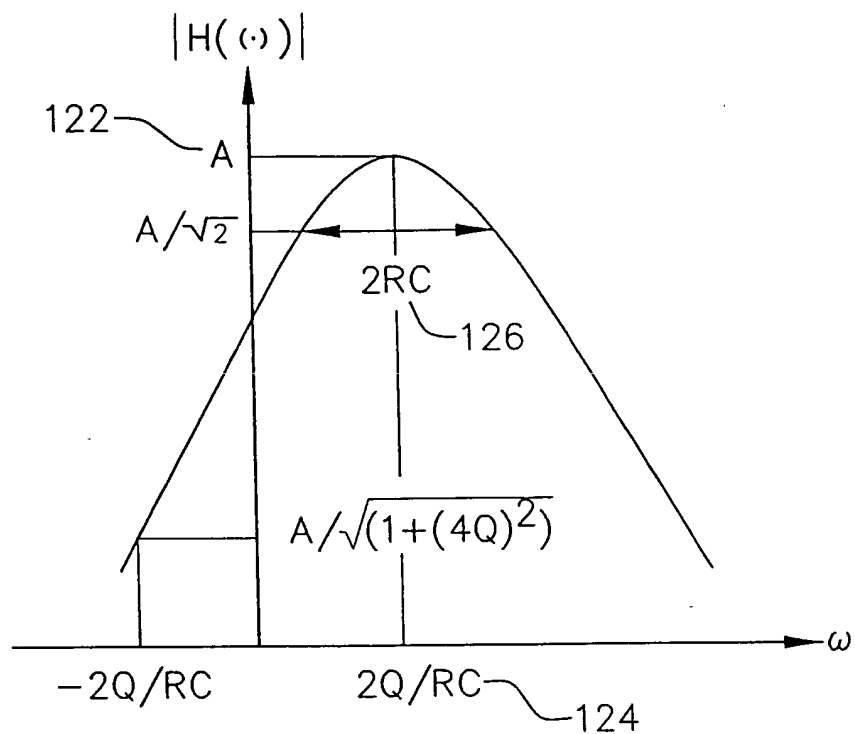


FIG. 8

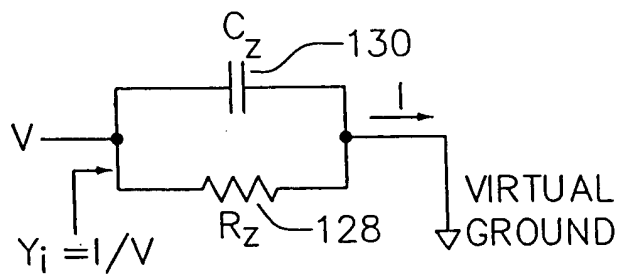
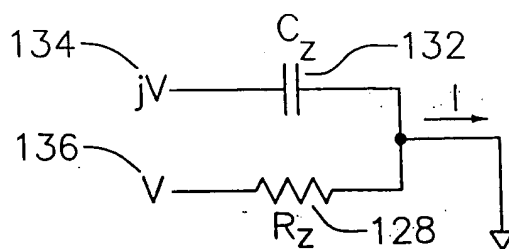


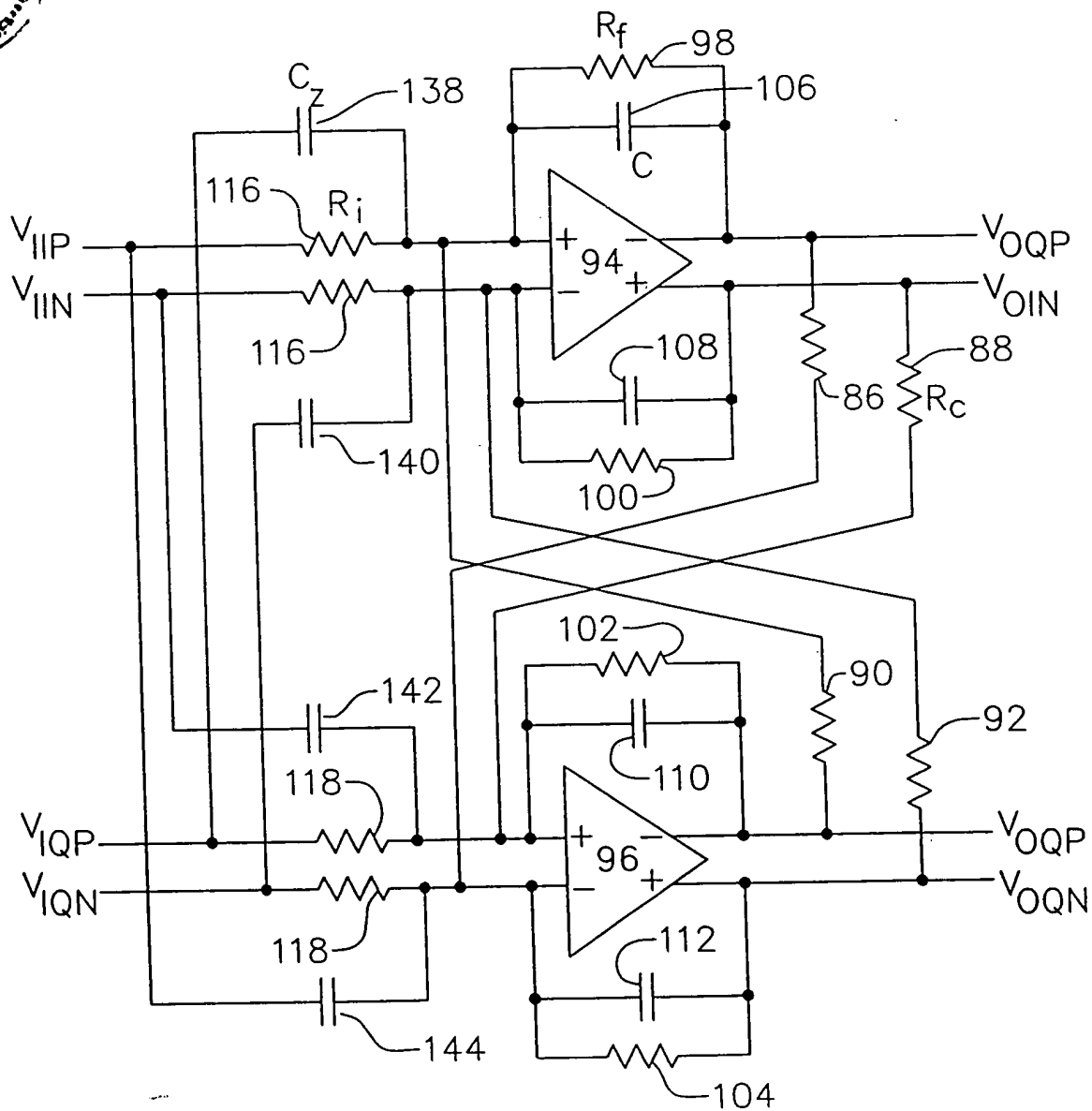
FIG. 9



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FIG. 10



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FIG. 11

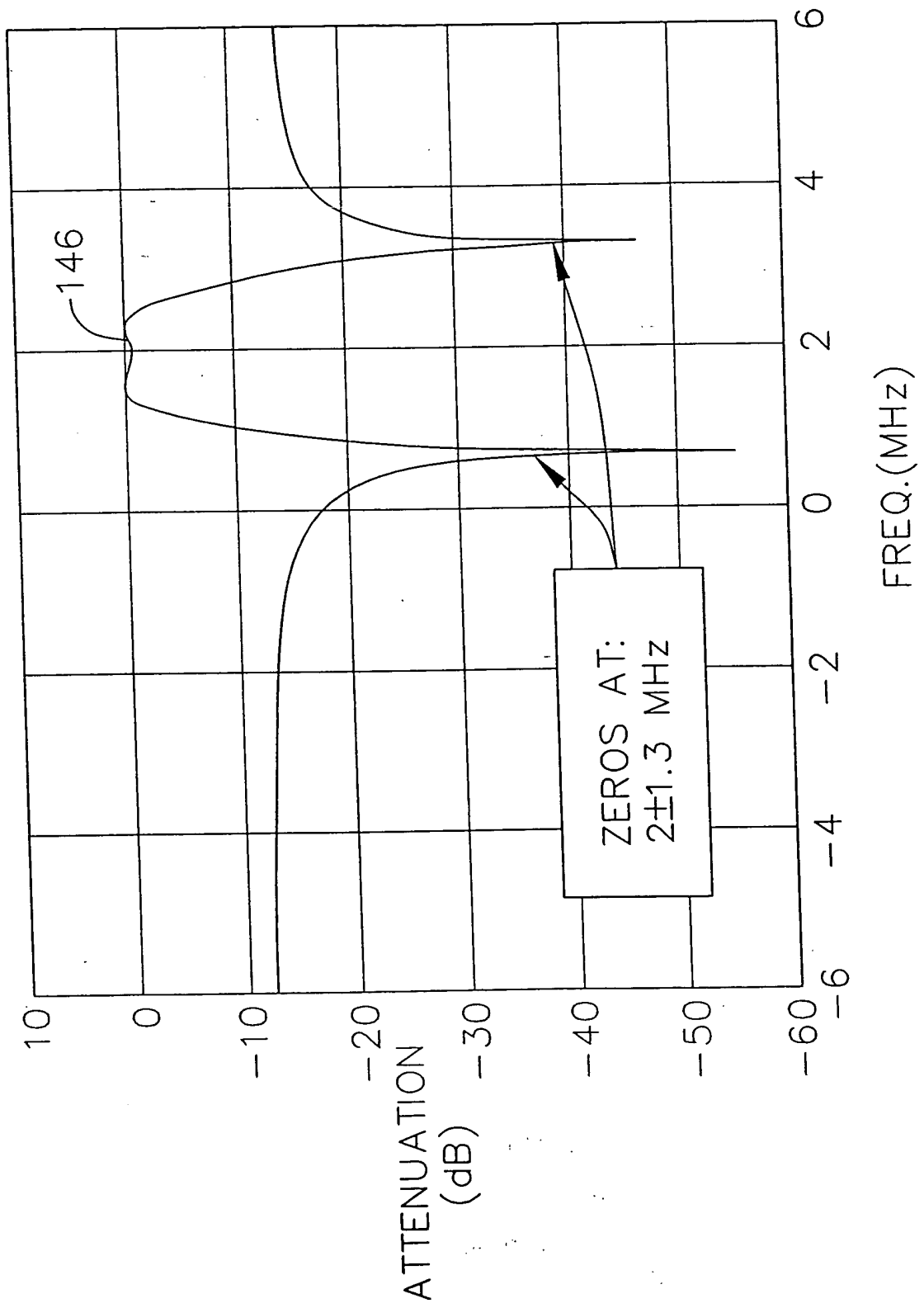




FIG. 12(a)

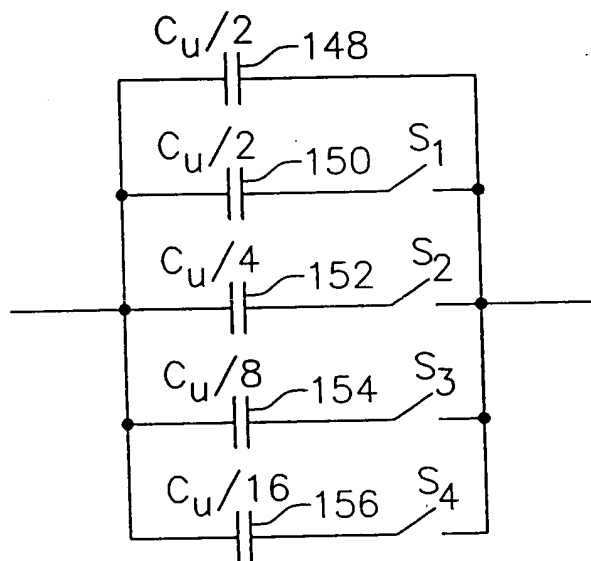
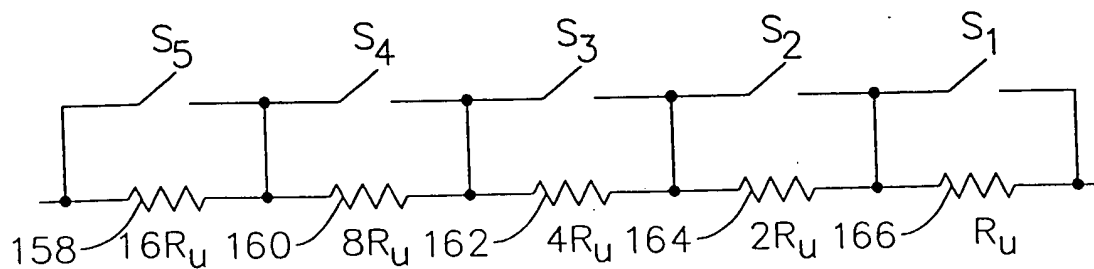


FIG. 12(b)



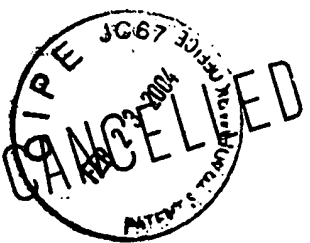
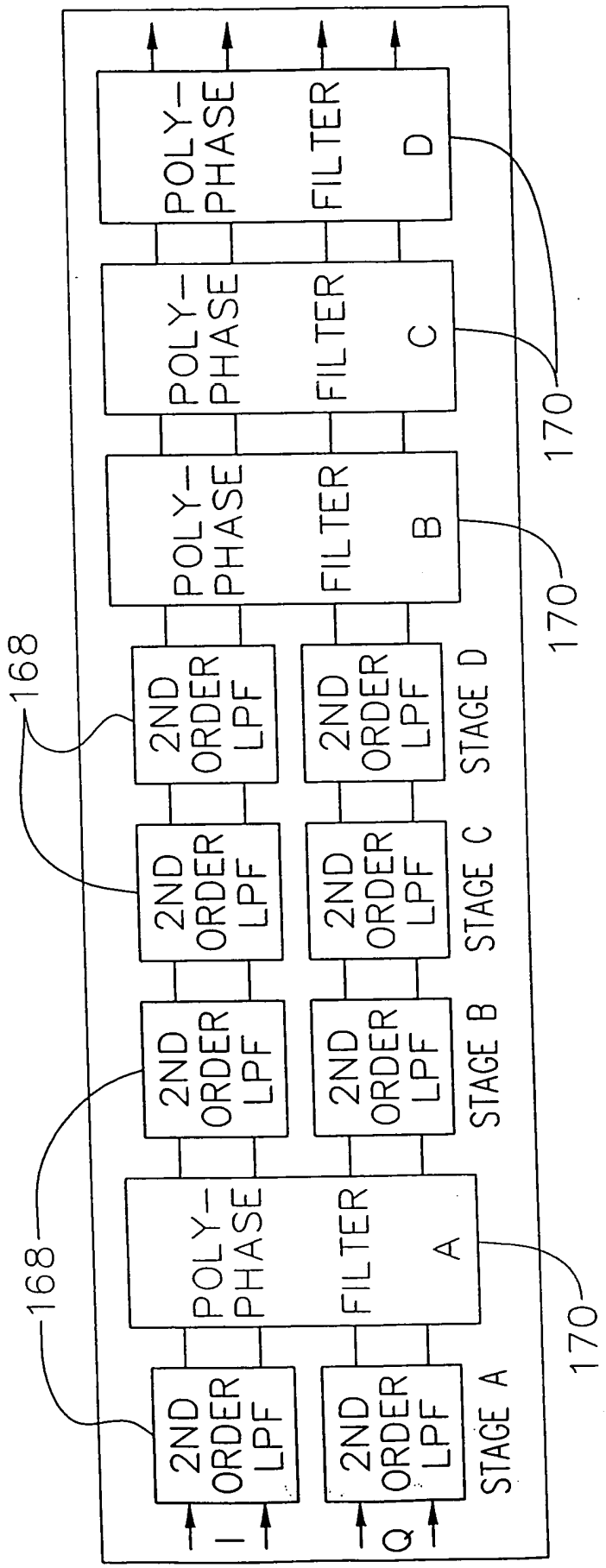


FIG. 13



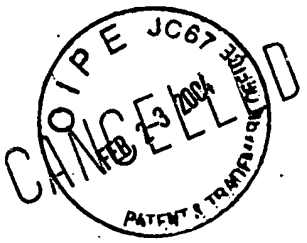
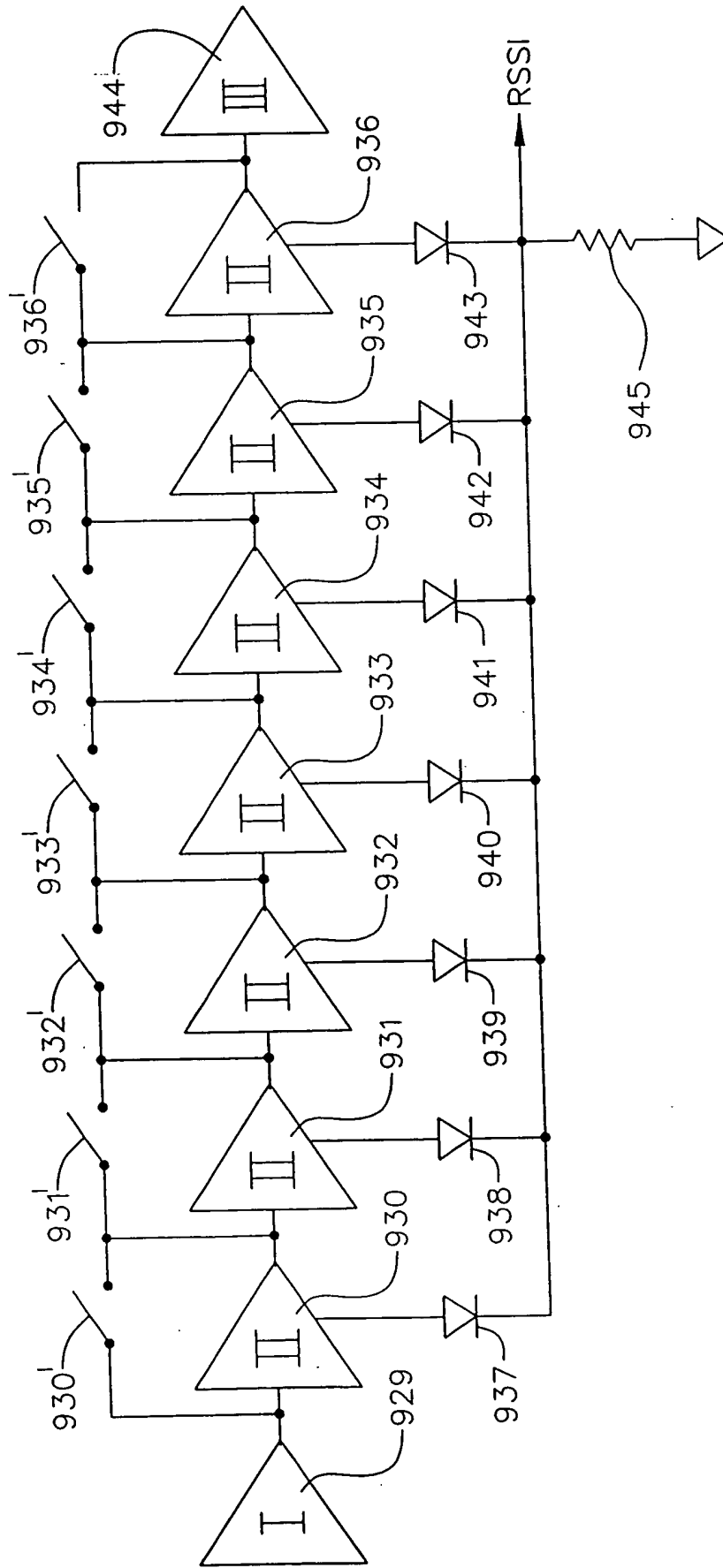


FIG. 14



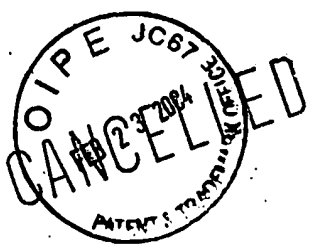


FIG. 15

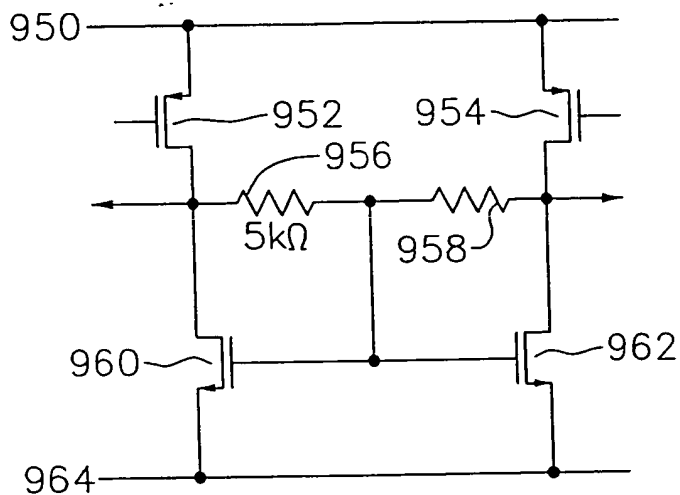
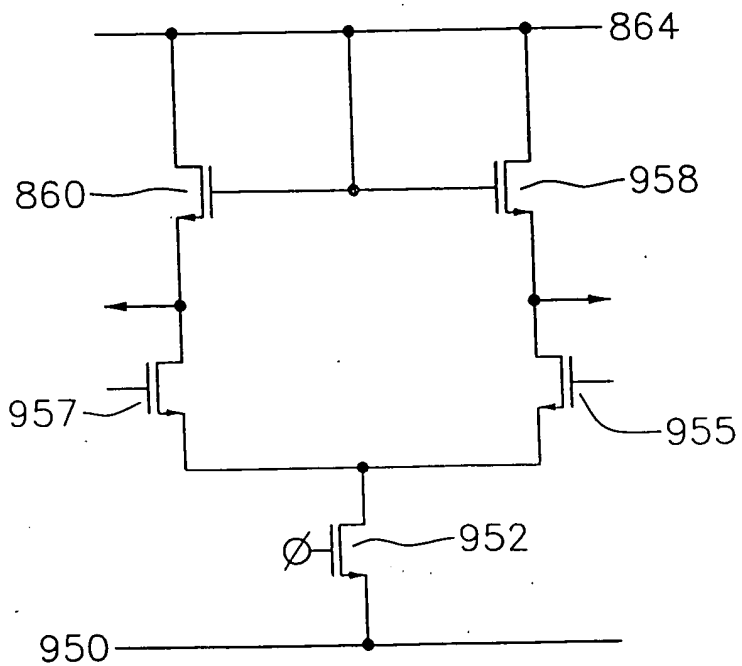


FIG. 16(a)



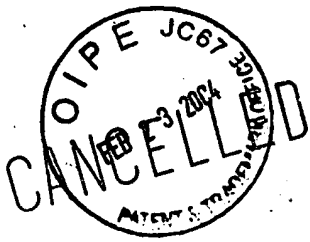
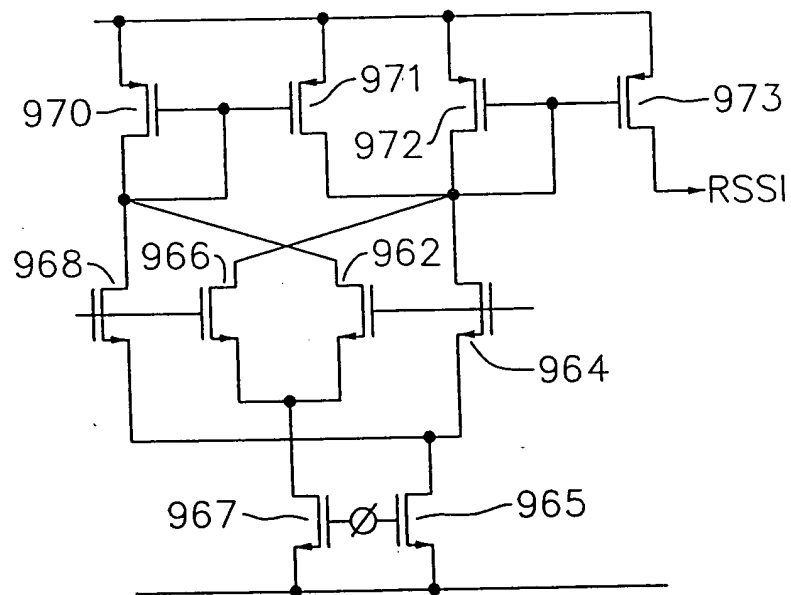


FIG. 16(b)



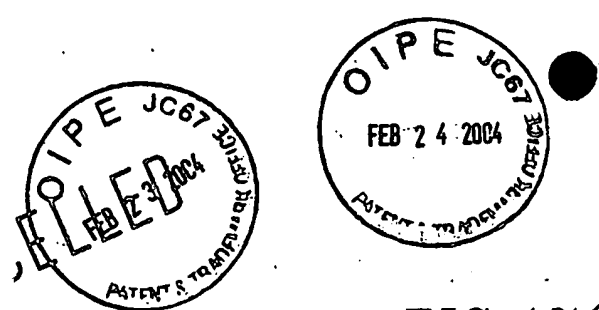


FIG. 17(a)

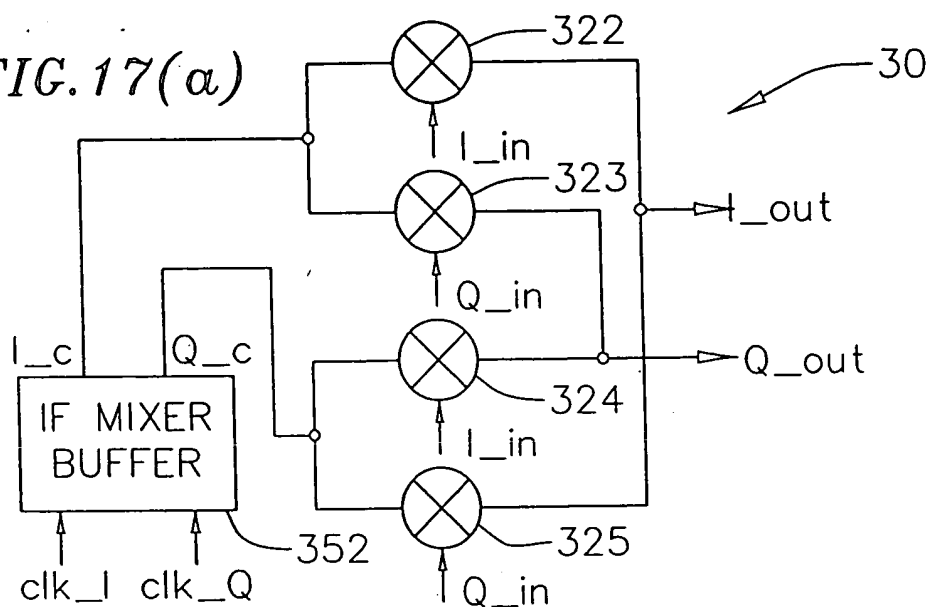


FIG. 17(b)

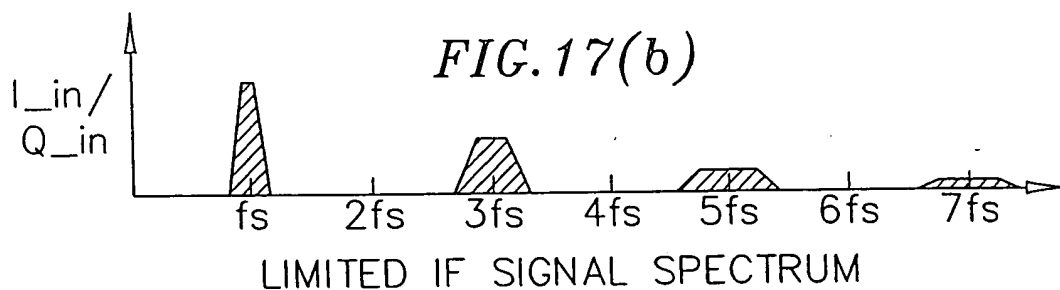


FIG. 17(c)

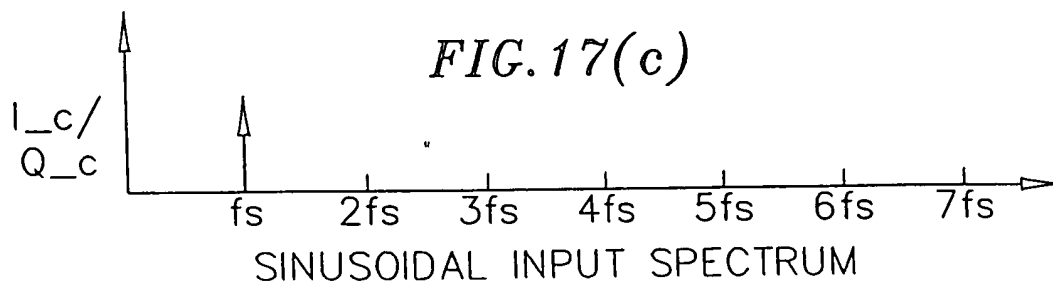
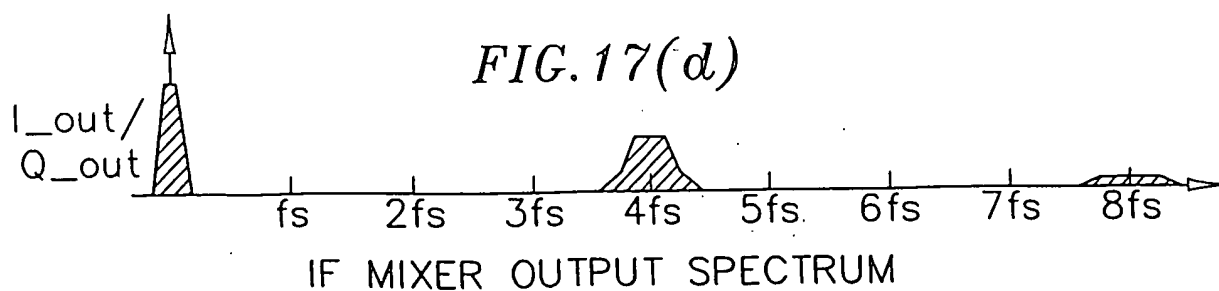


FIG. 17(d)



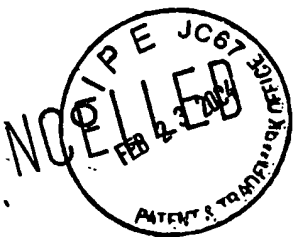


FIG. 18

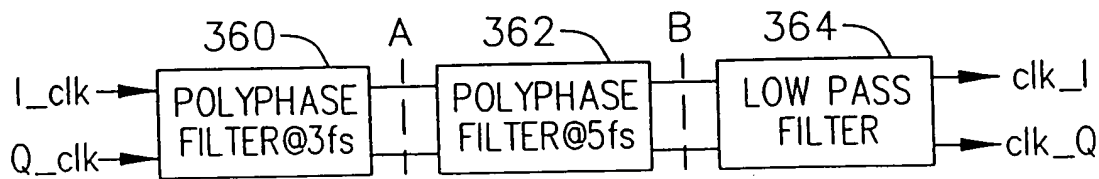


FIG. 19(a)

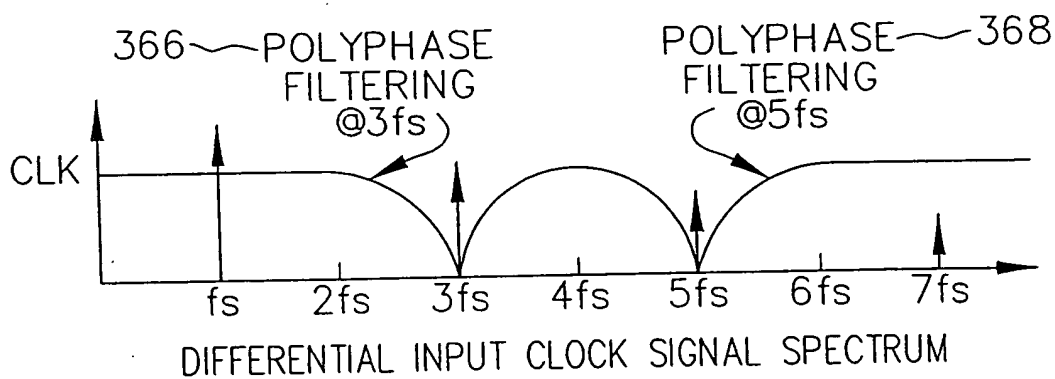


FIG. 19(b)

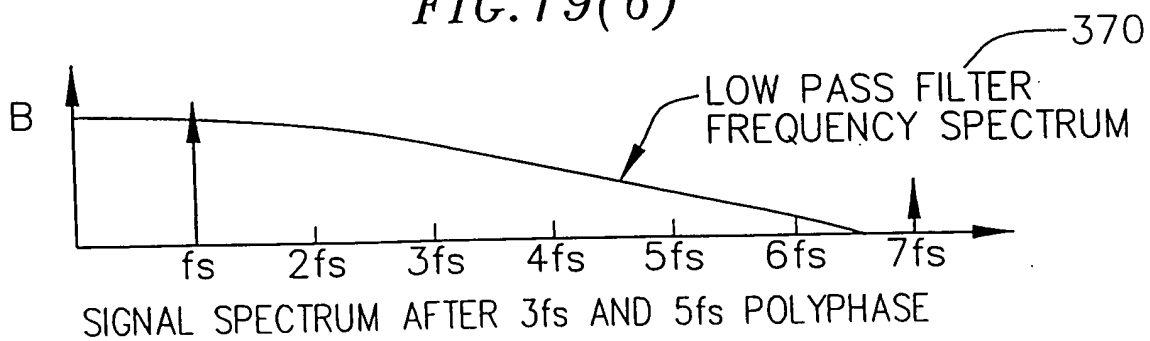


FIG. 19(c)

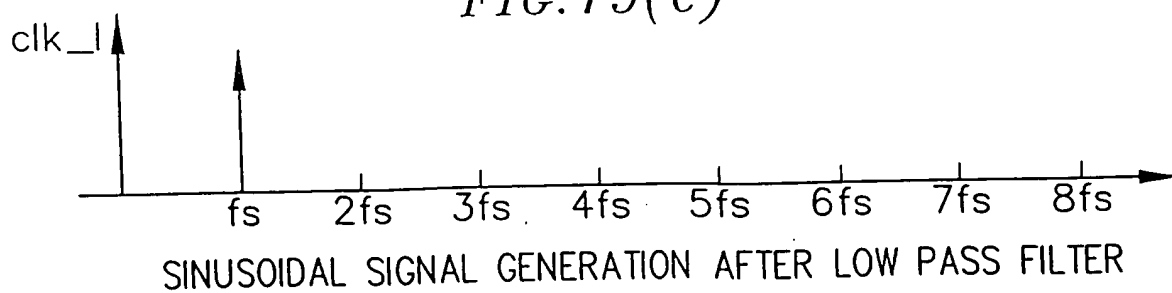




FIG.20(a)

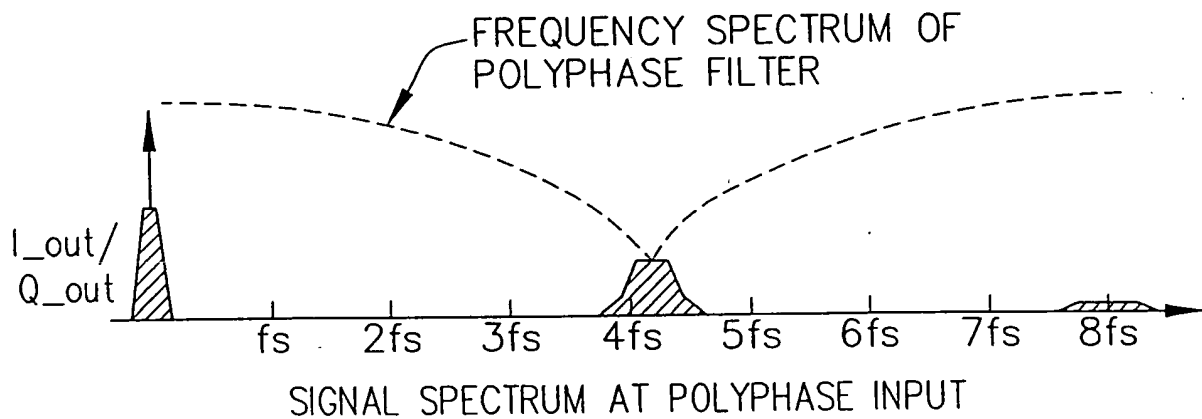


FIG.20(b)

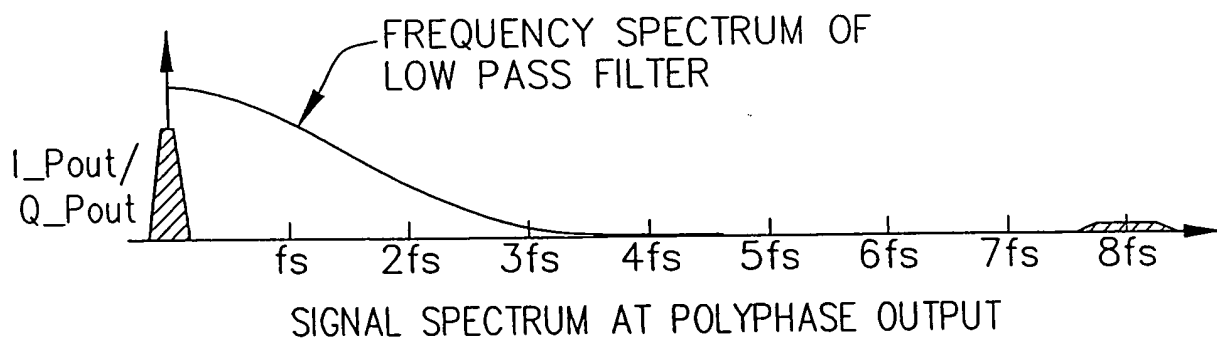
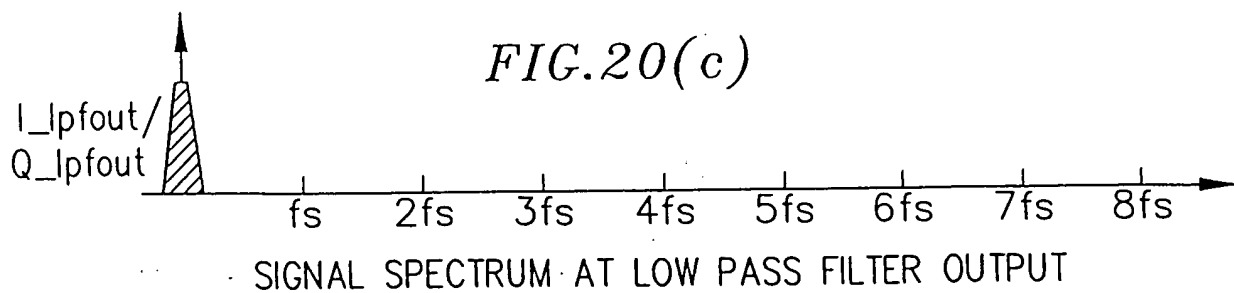


FIG.20(c)



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FIG.21

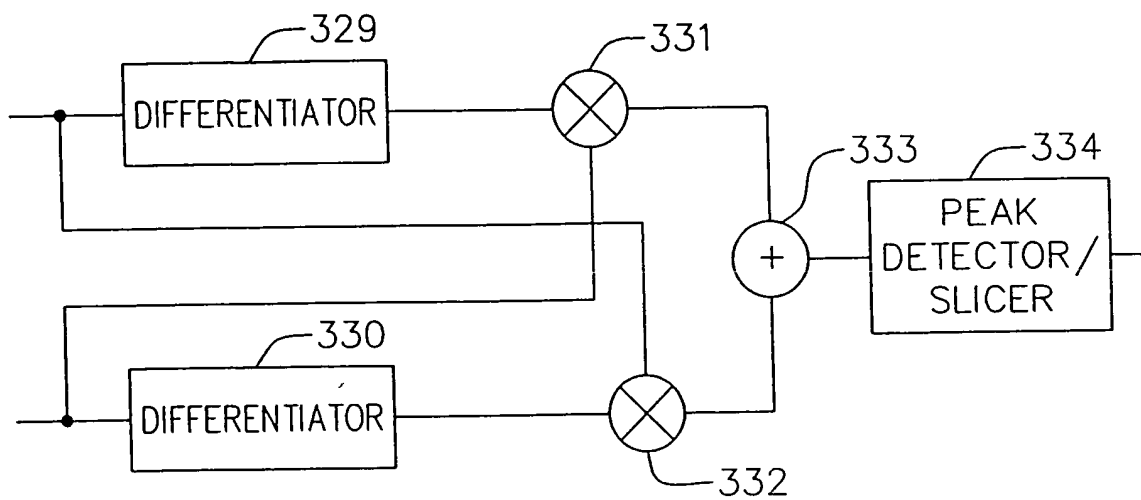
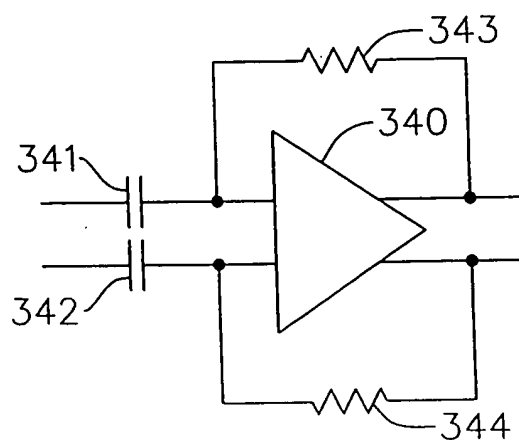


FIG.22



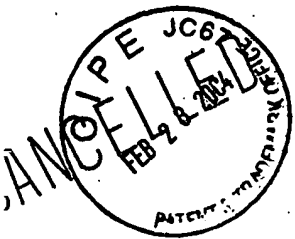


FIG.23

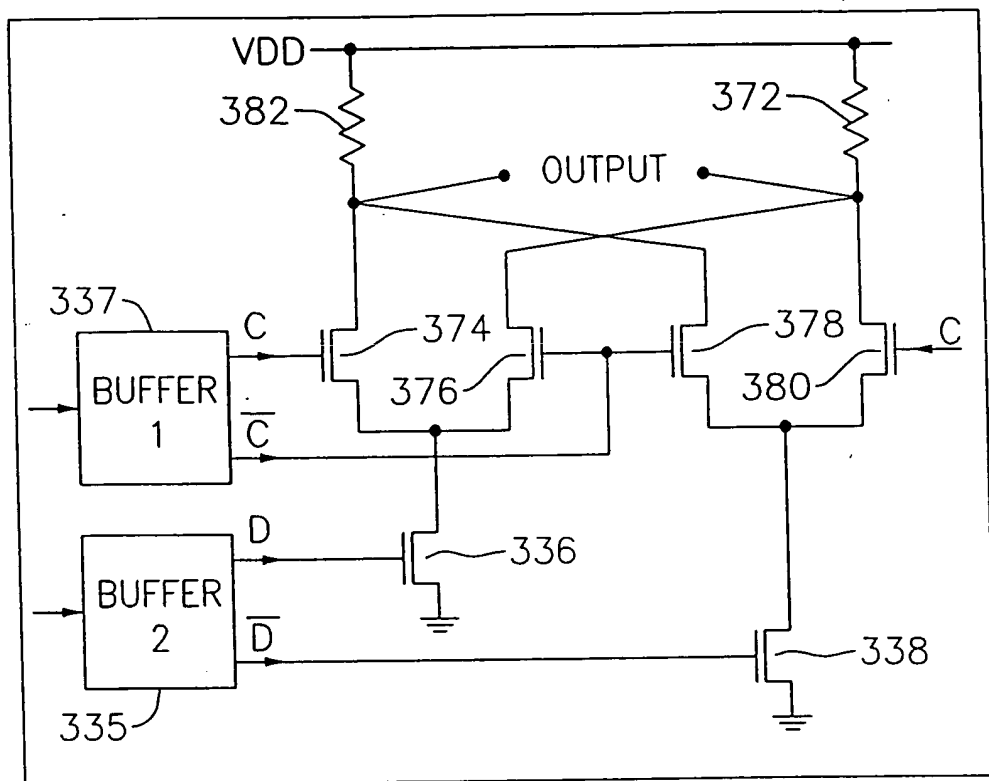


FIG.24

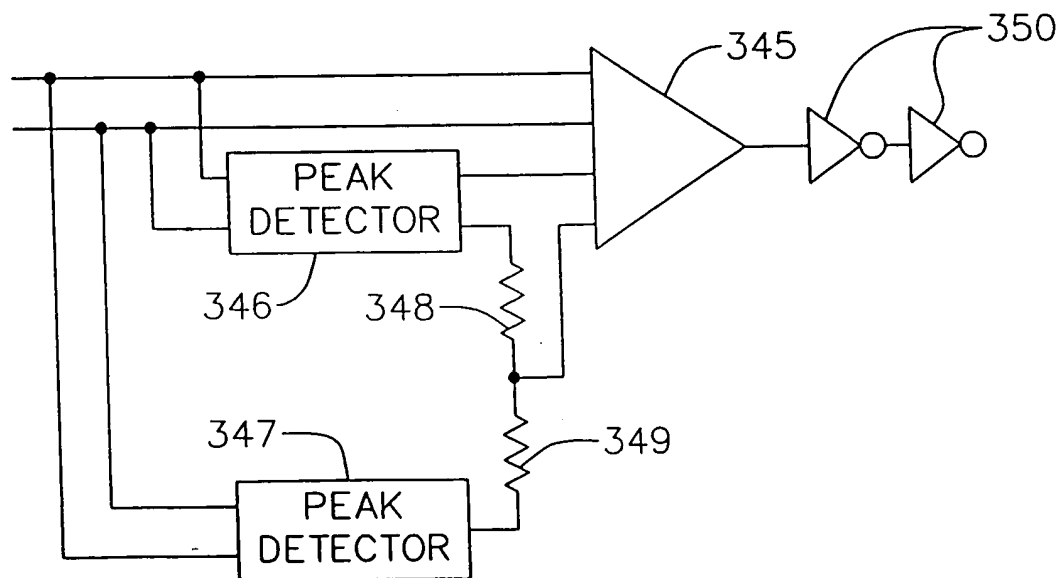
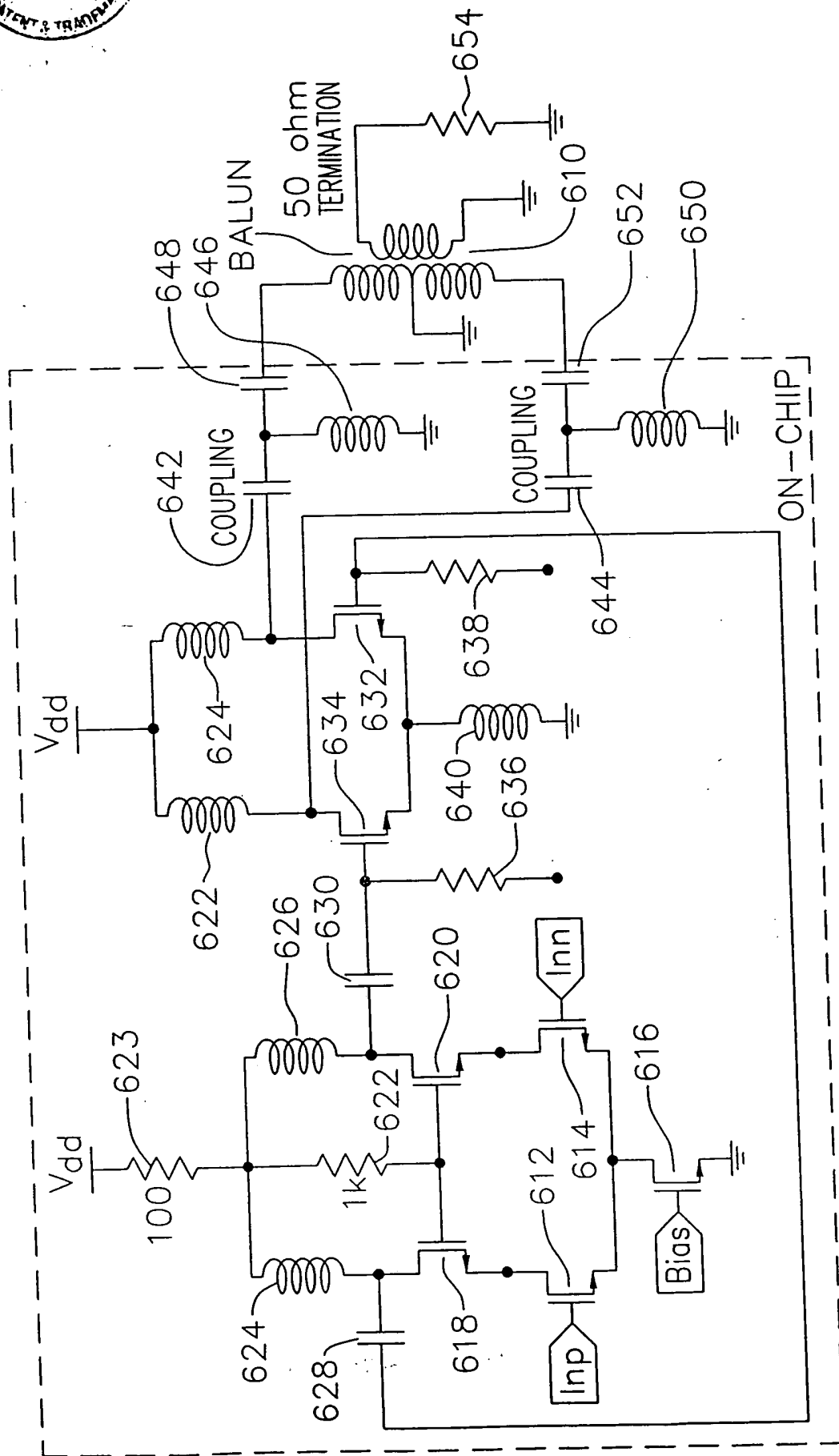


FIG. 25



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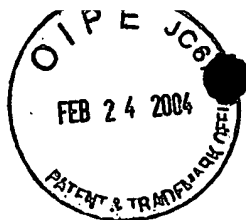
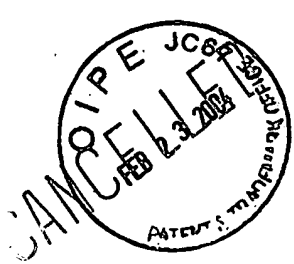


FIG.26(a)

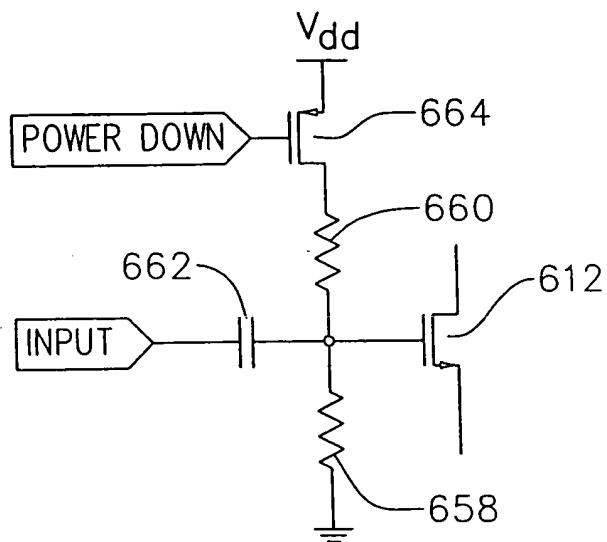


FIG.26(b)

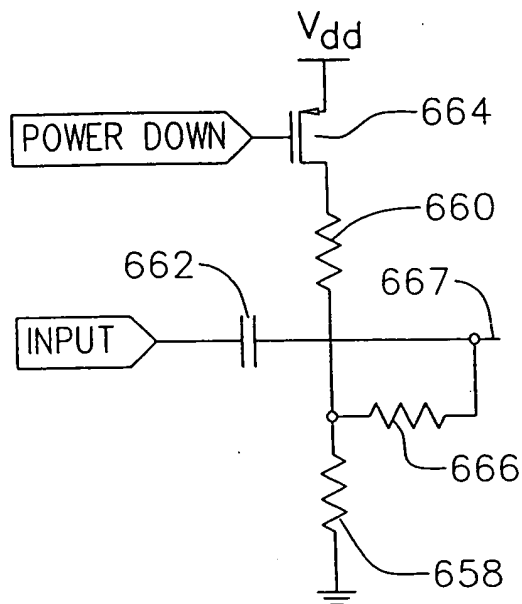


FIG.27

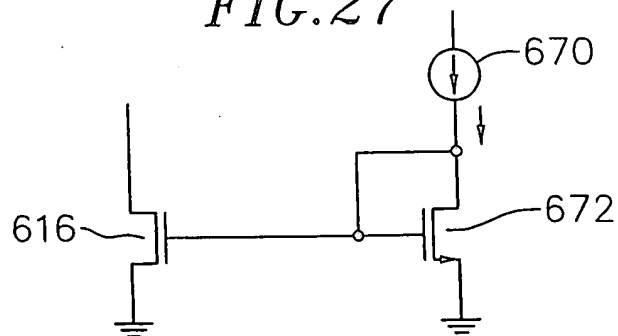
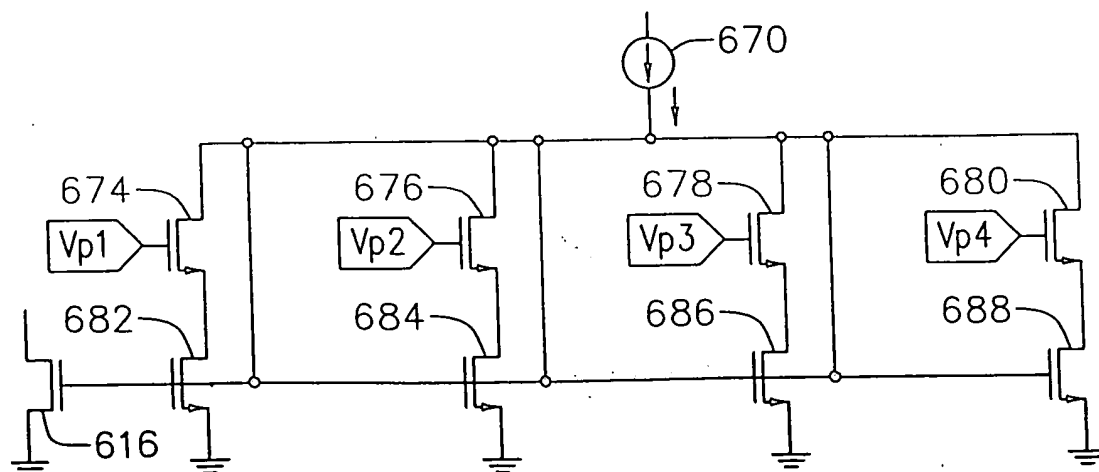


FIG.28



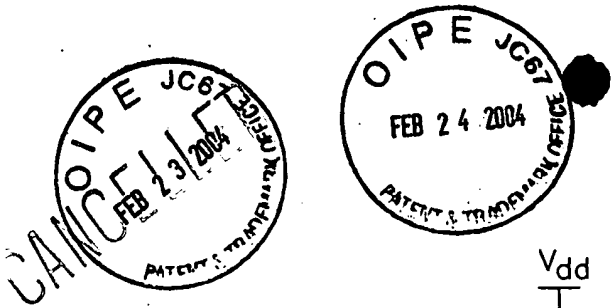


FIG.29

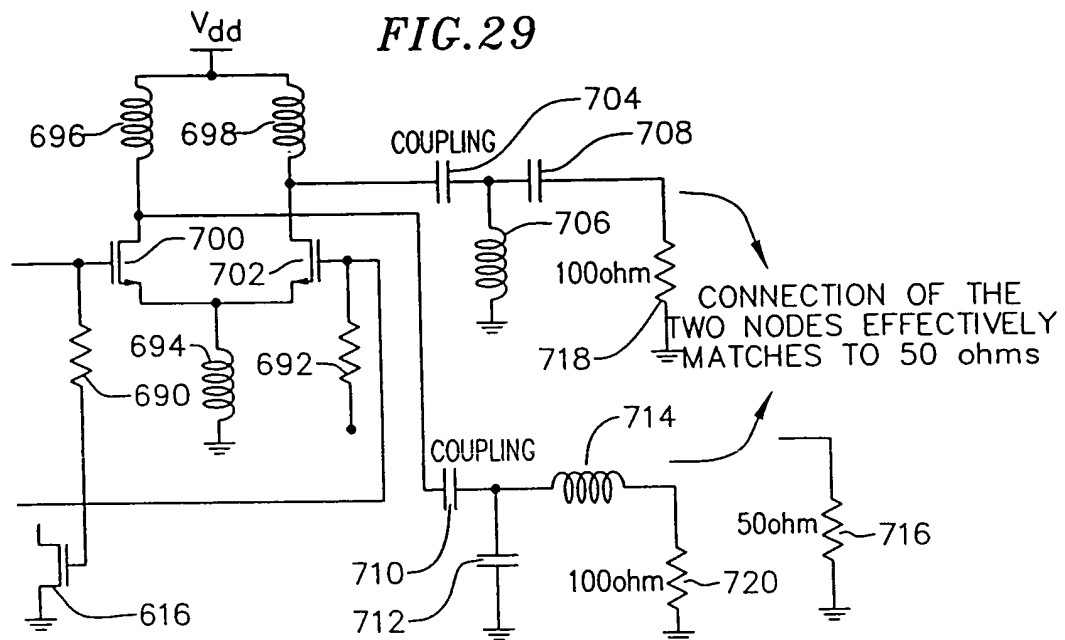
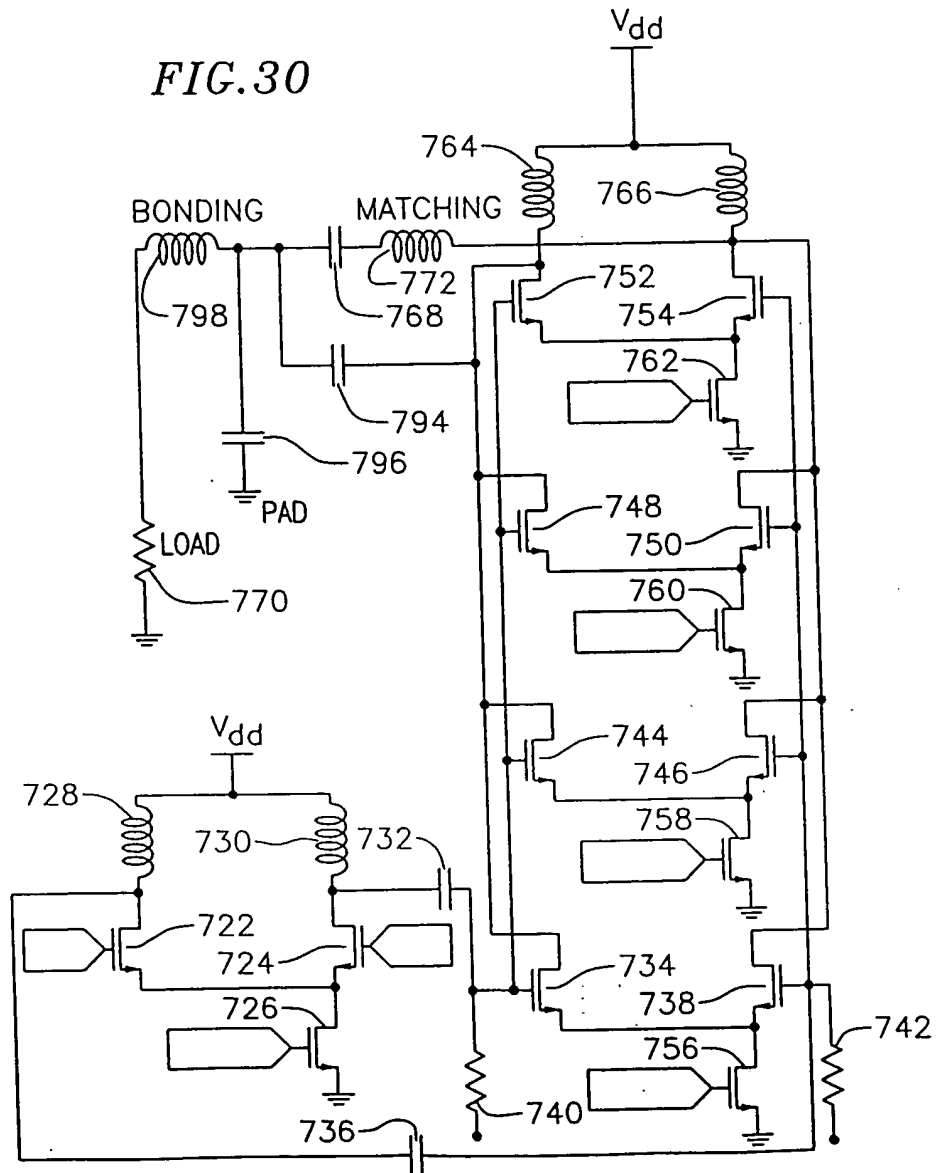


FIG.30



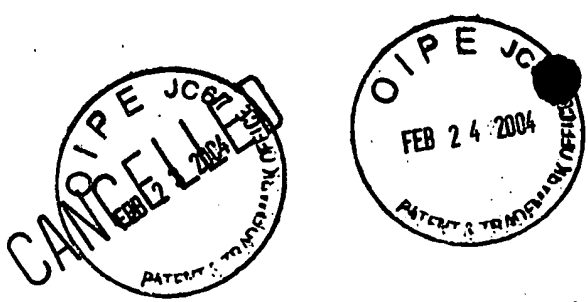


FIG.31(a)

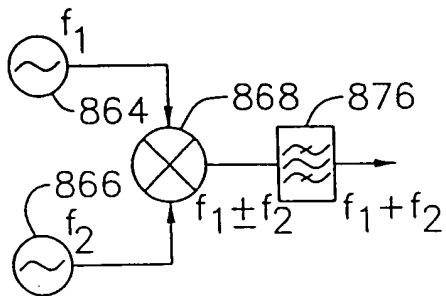


FIG.31(b)

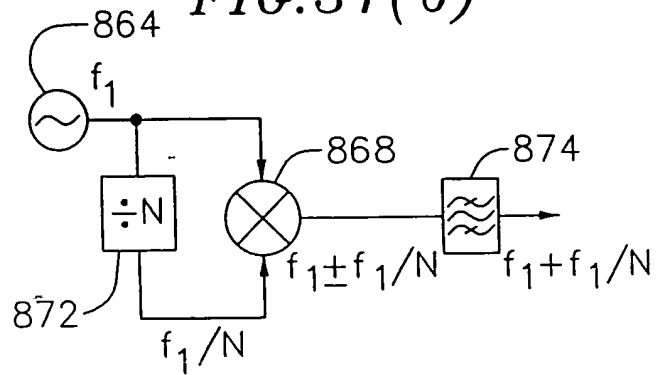


FIG.32

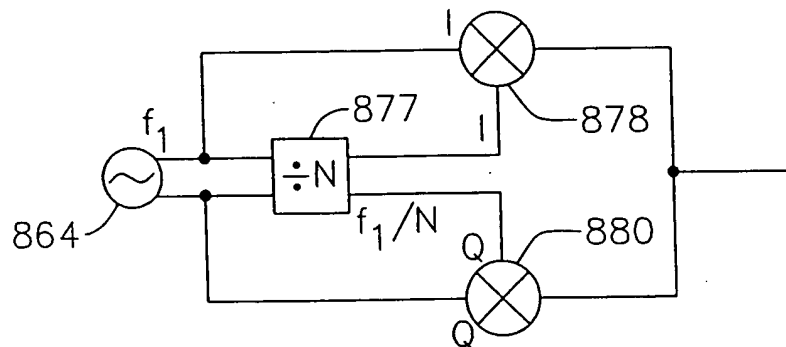
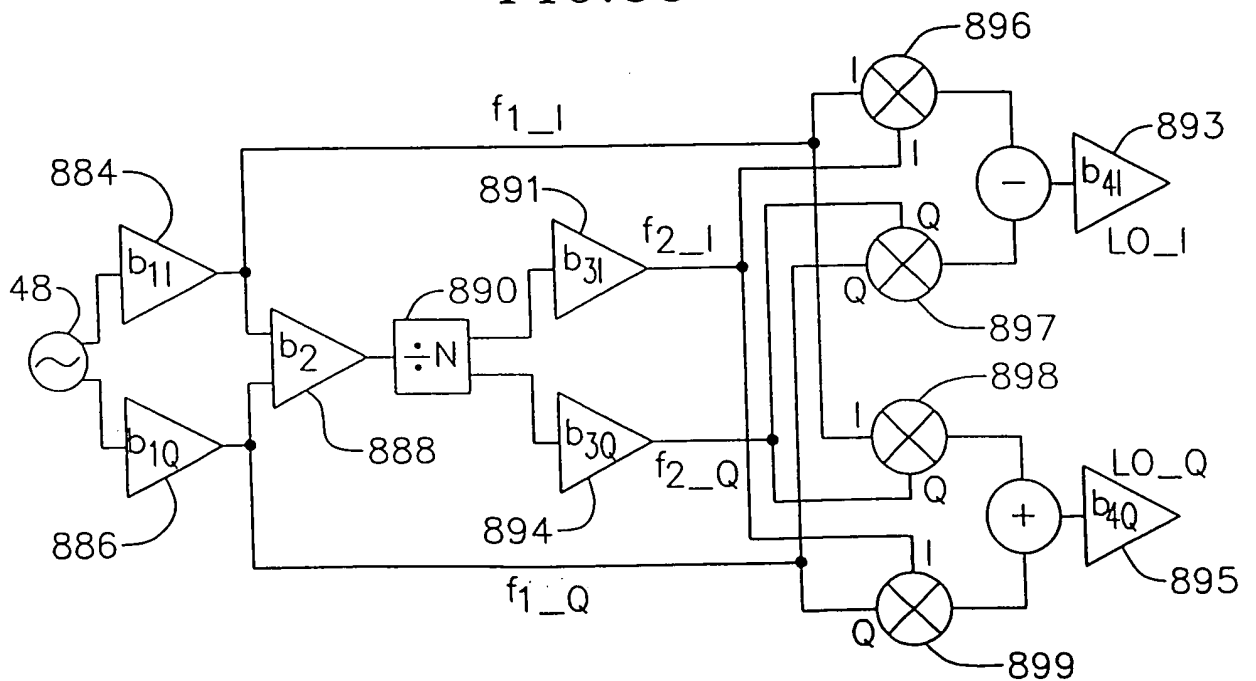
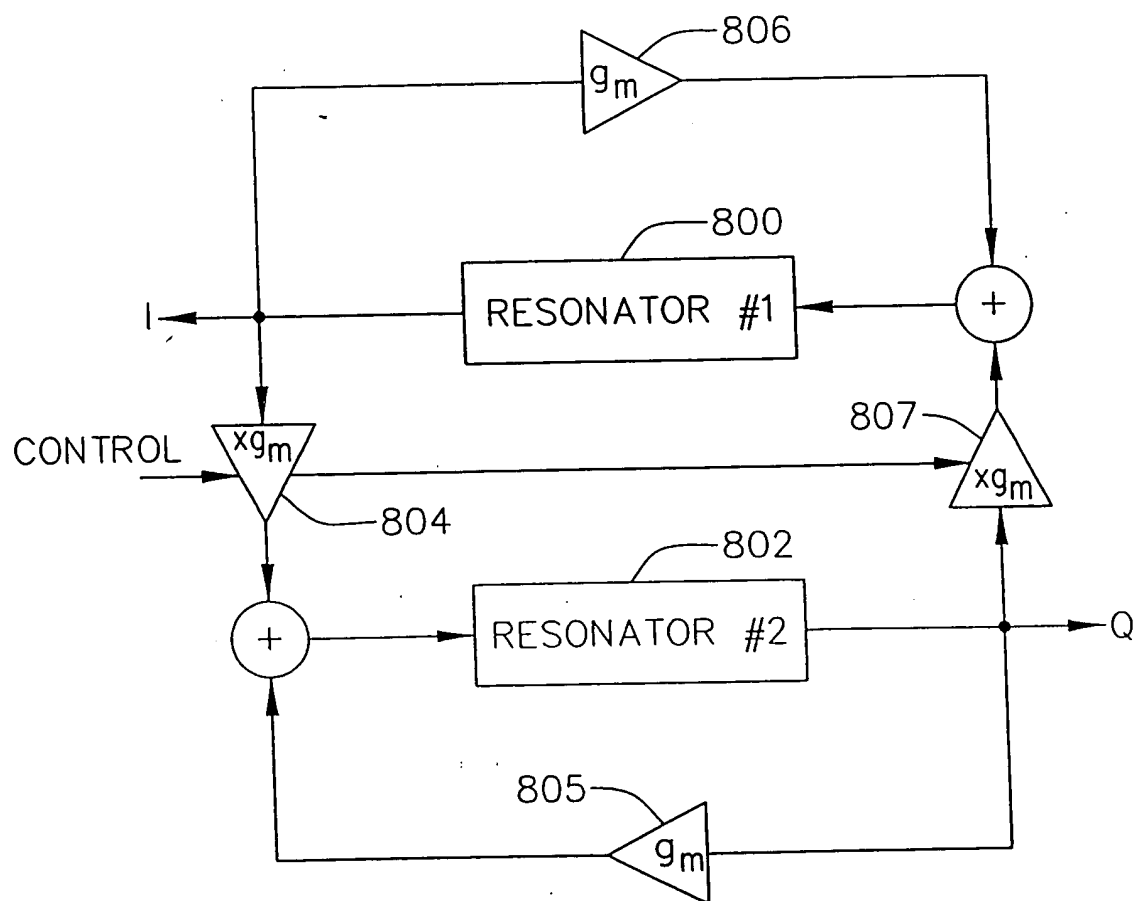


FIG.33





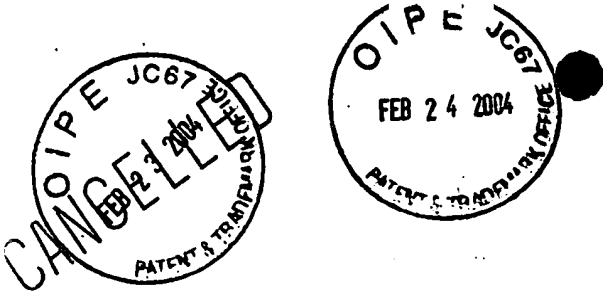
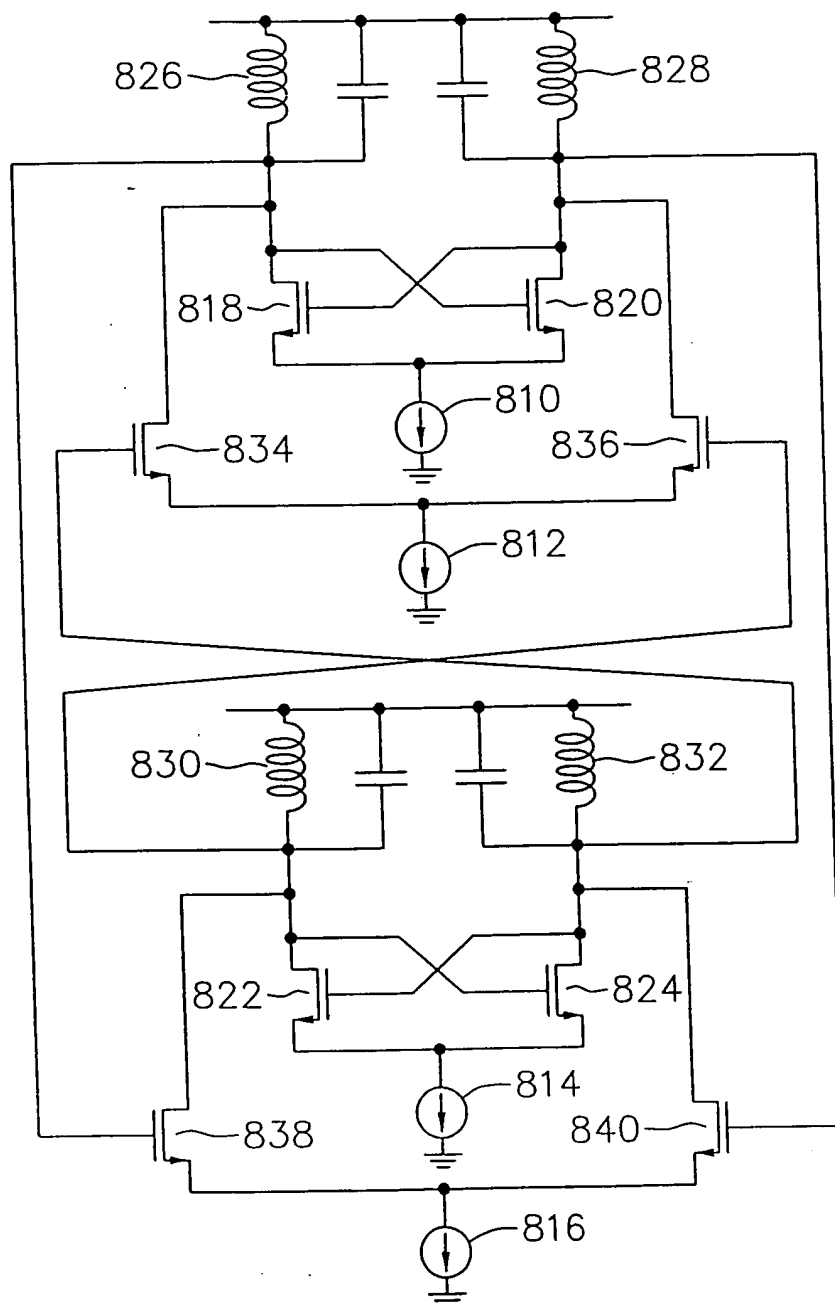


FIG.35



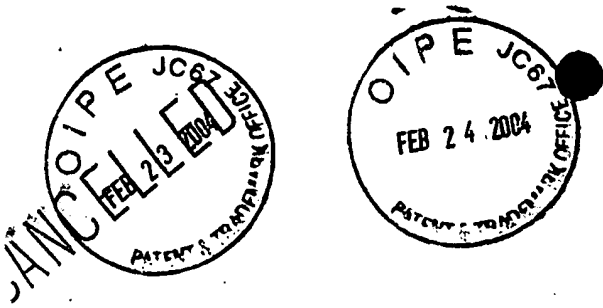
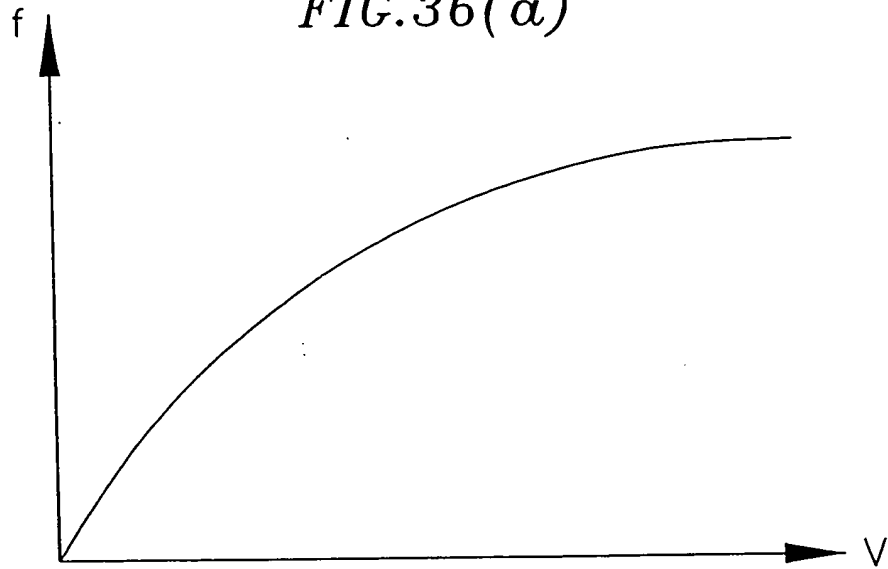
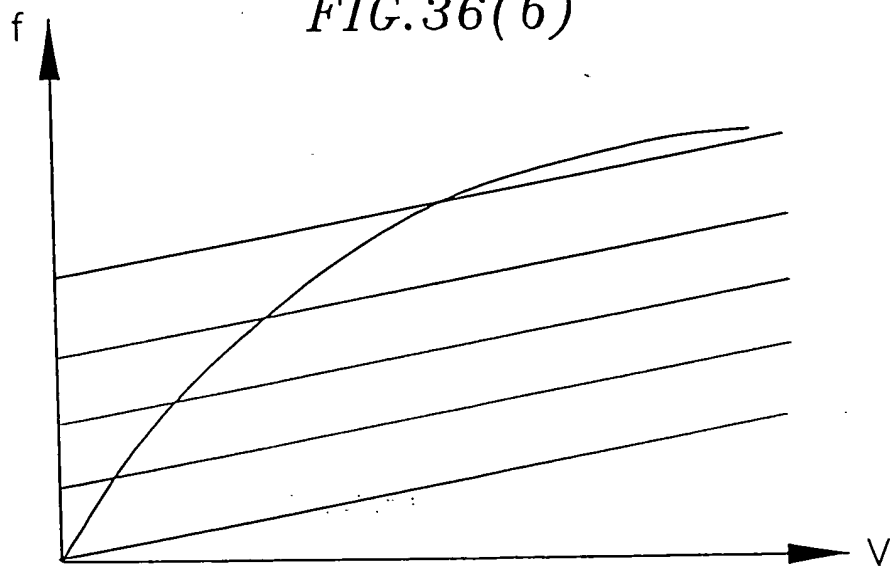


FIG.36(a)



TYPICAL VCO TUNING CURVE

FIG.36(b)



SEGMENTED VCO TUNING CURVE

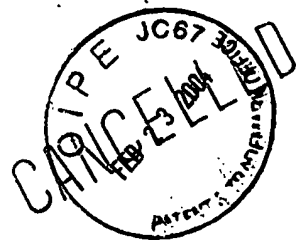


FIG.37(a)

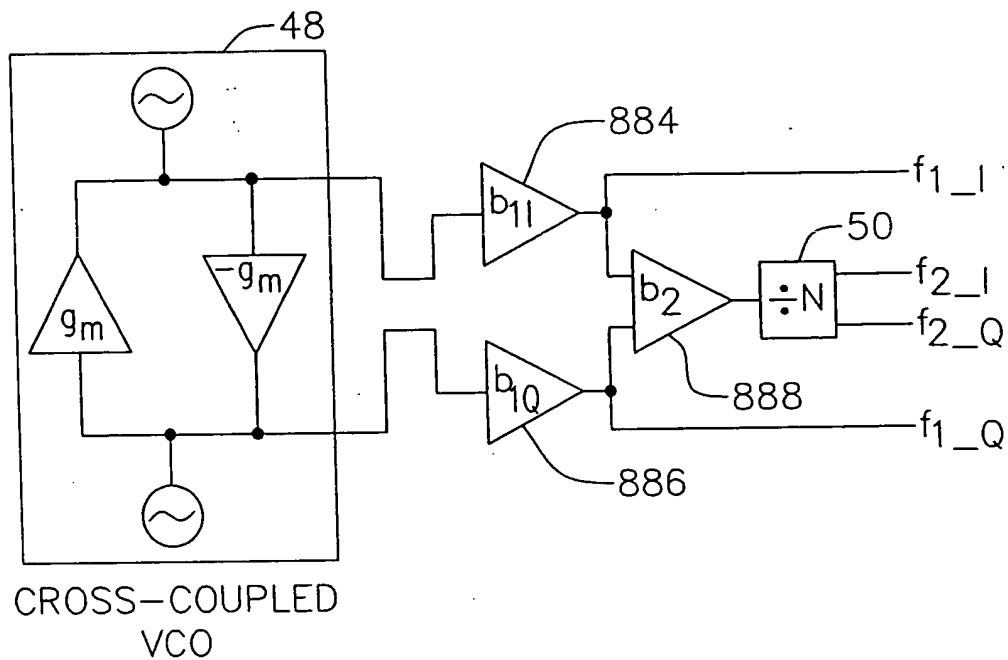
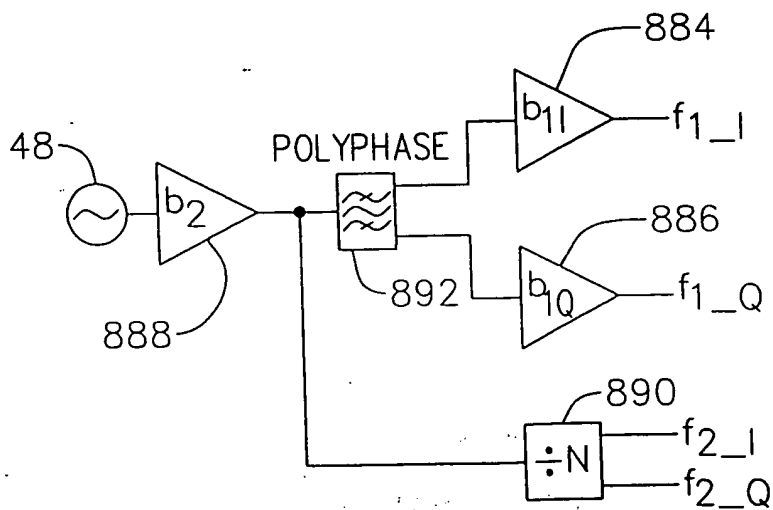


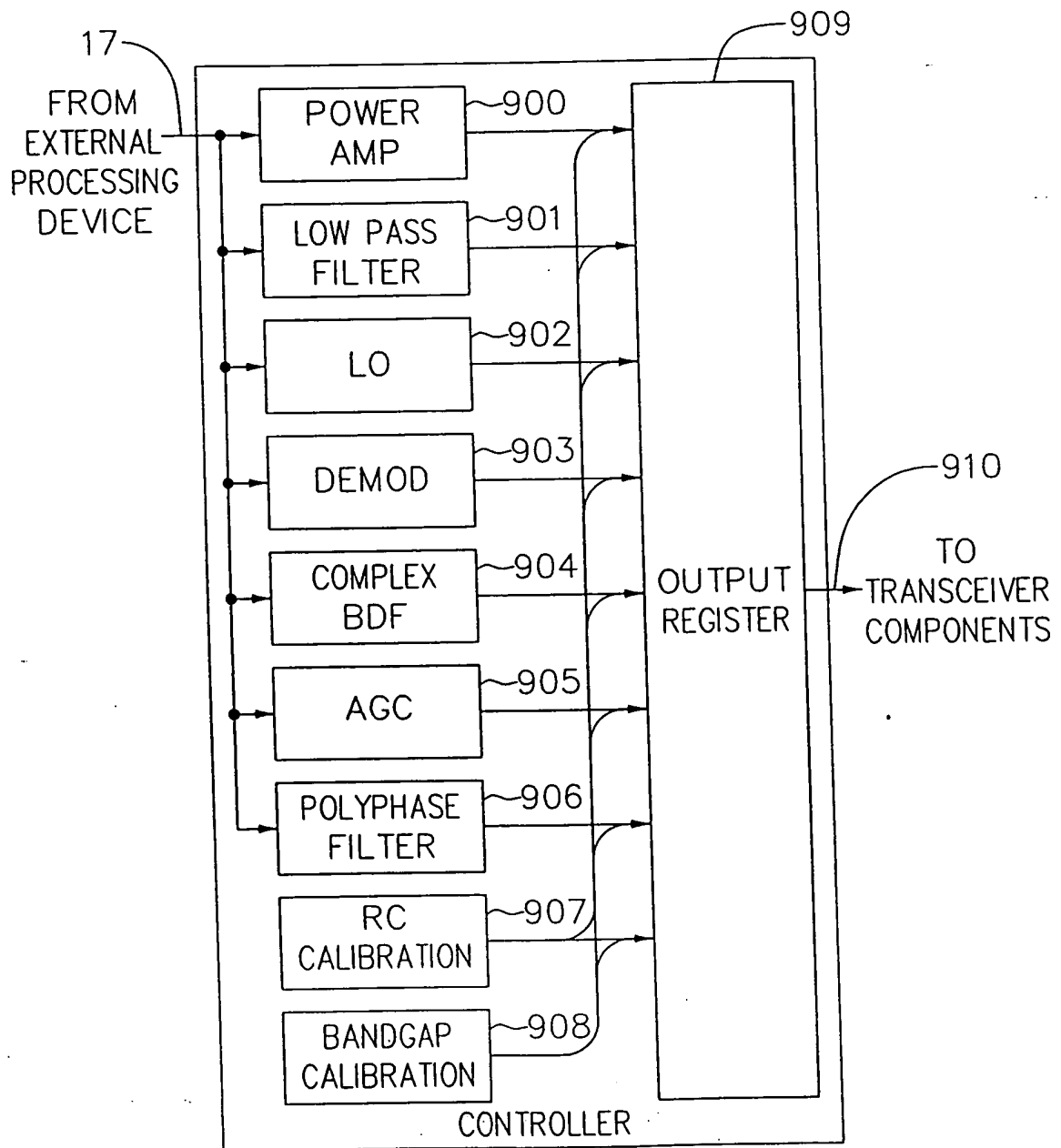
FIG.37(b)



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FIG. 39

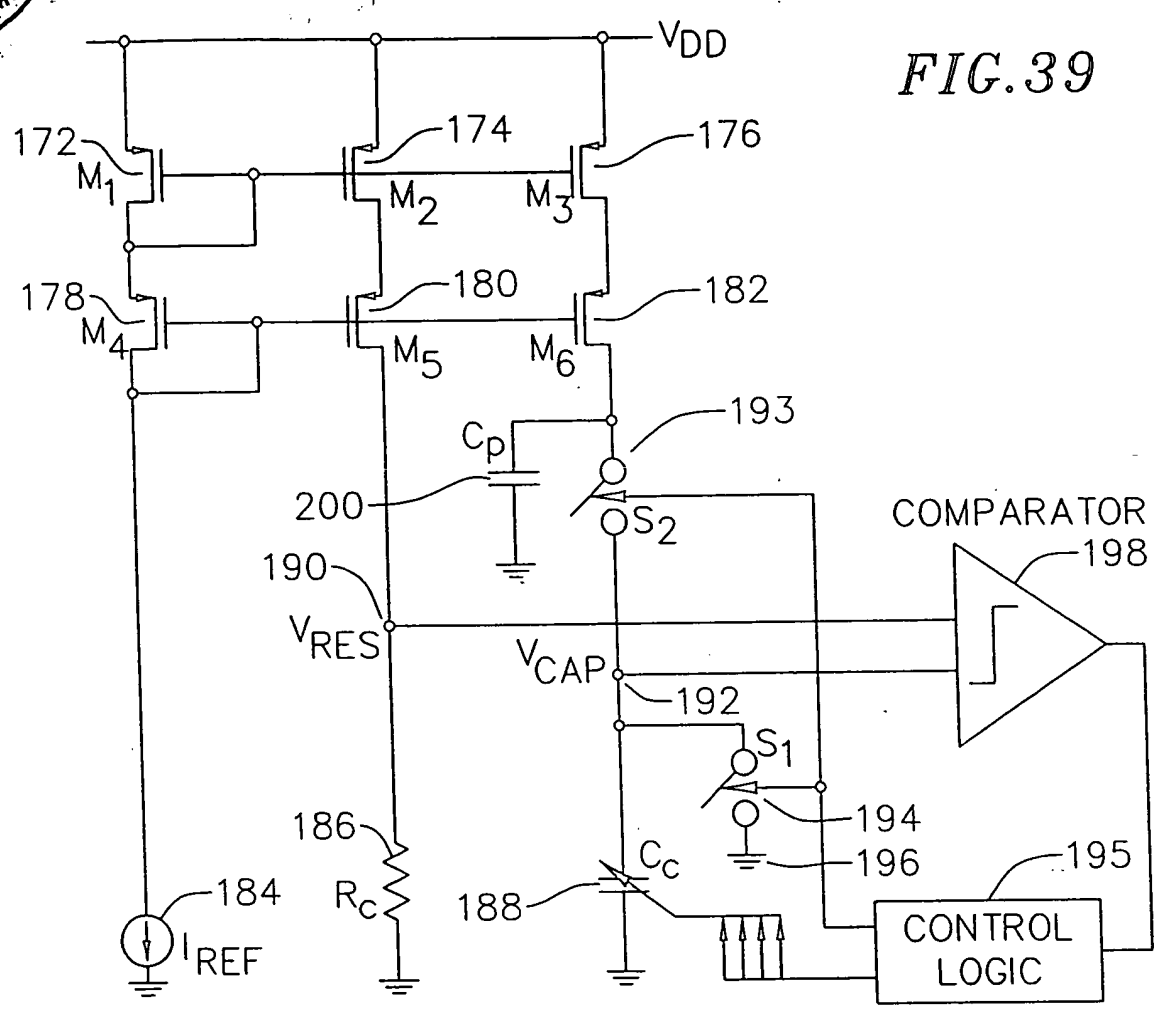
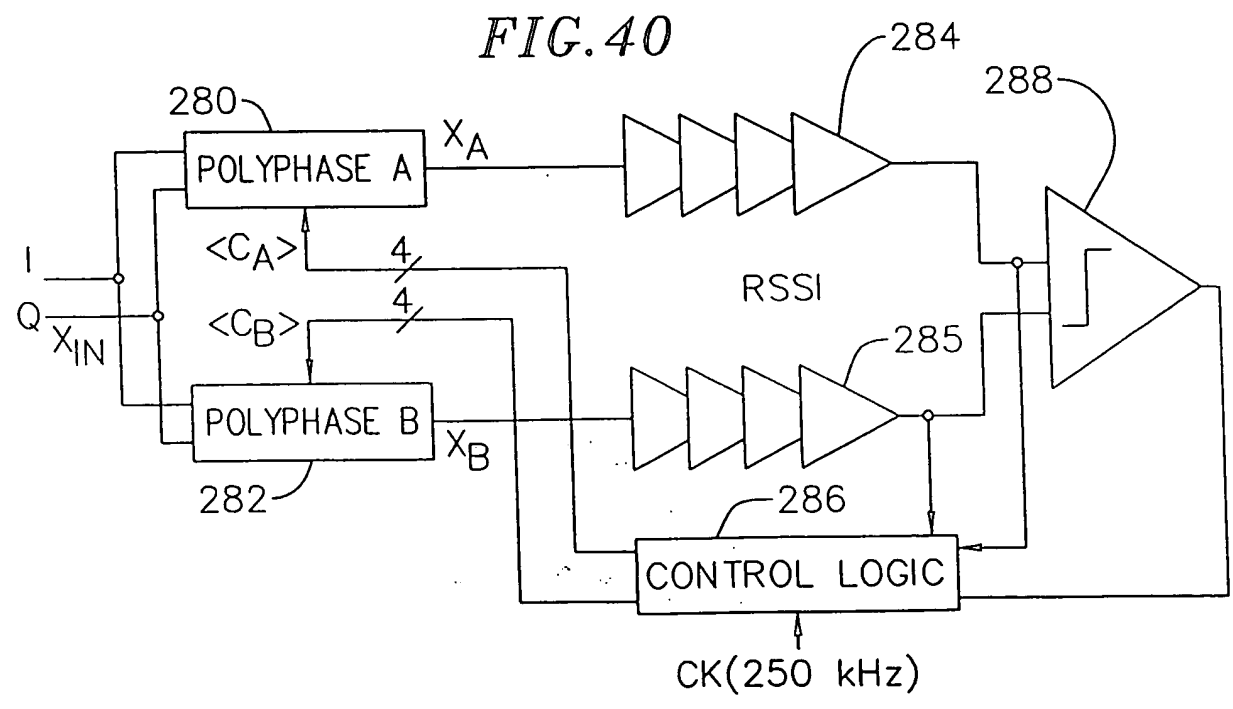


FIG. 40



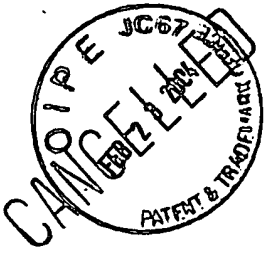


FIG. 41

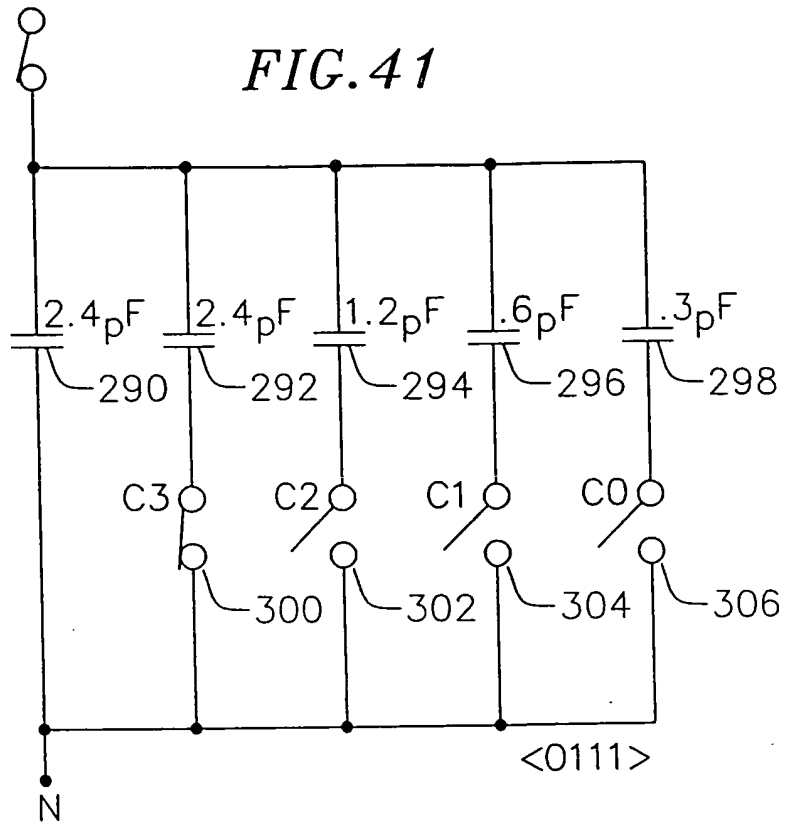
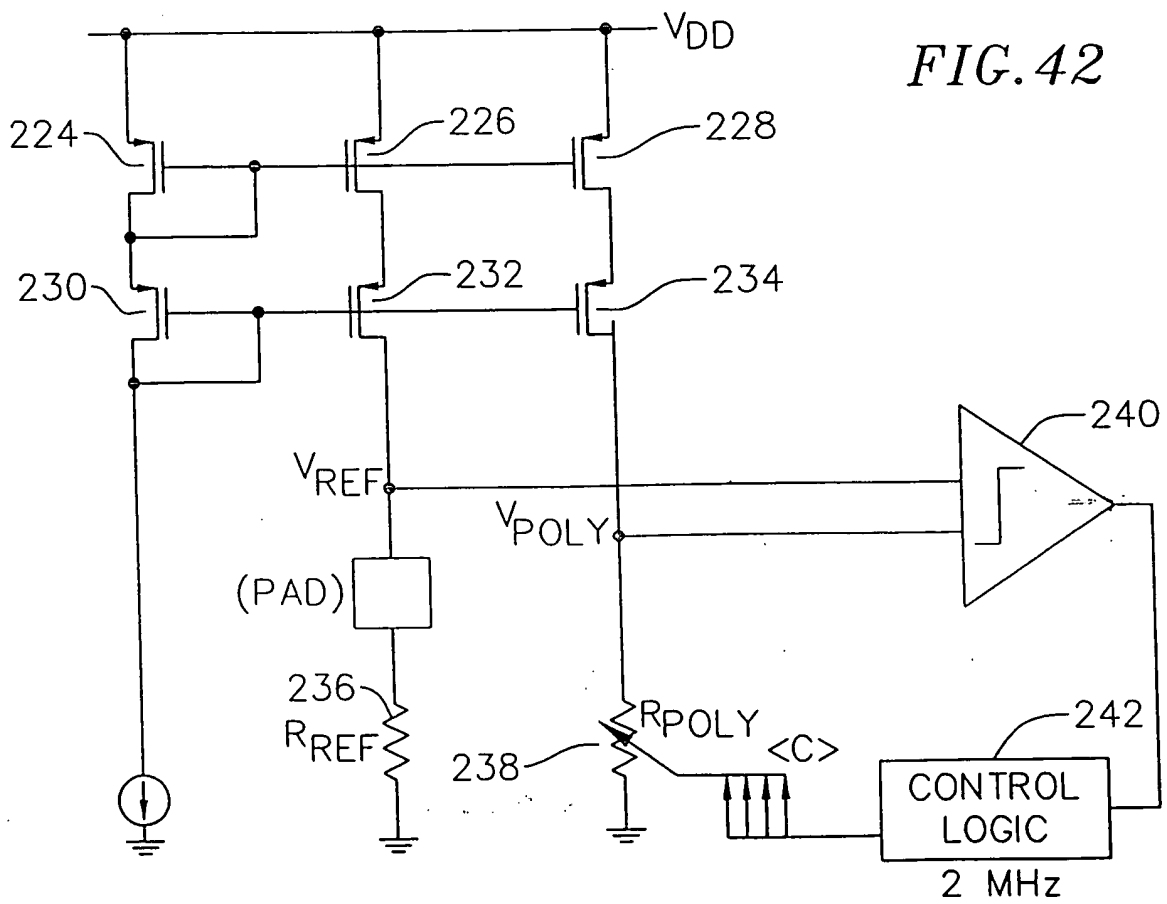


FIG. 42



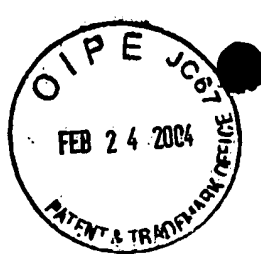
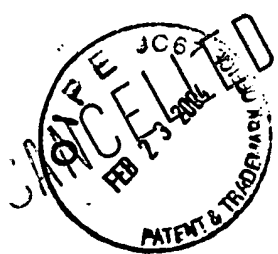


FIG. 43

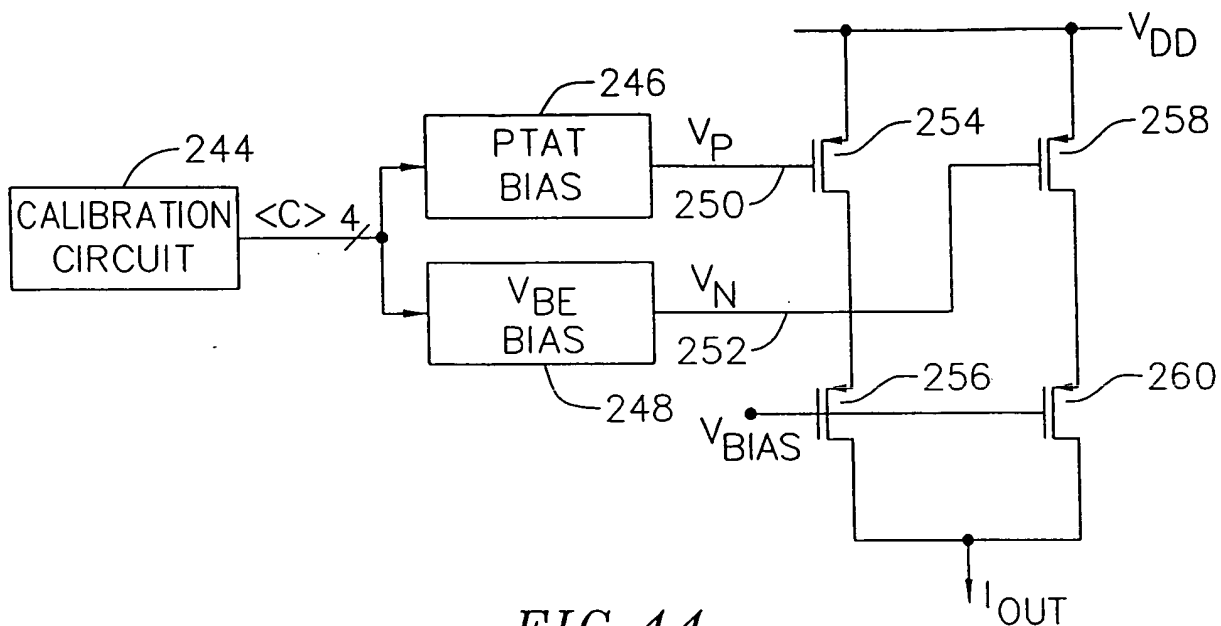


FIG. 44

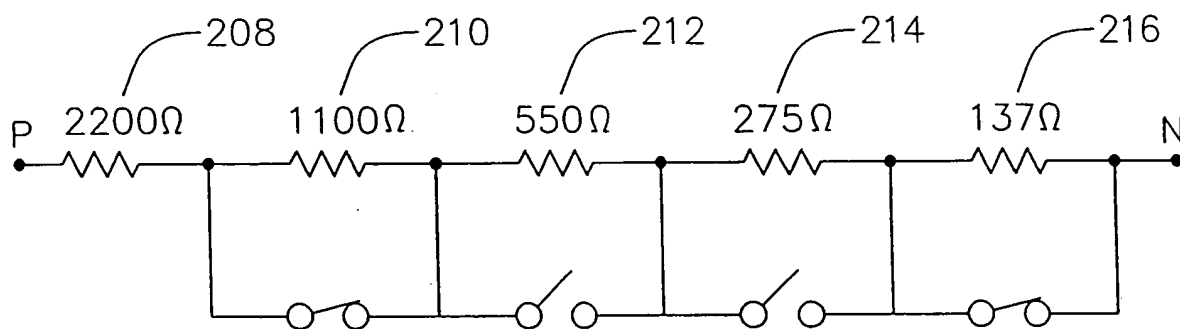


FIG. 45

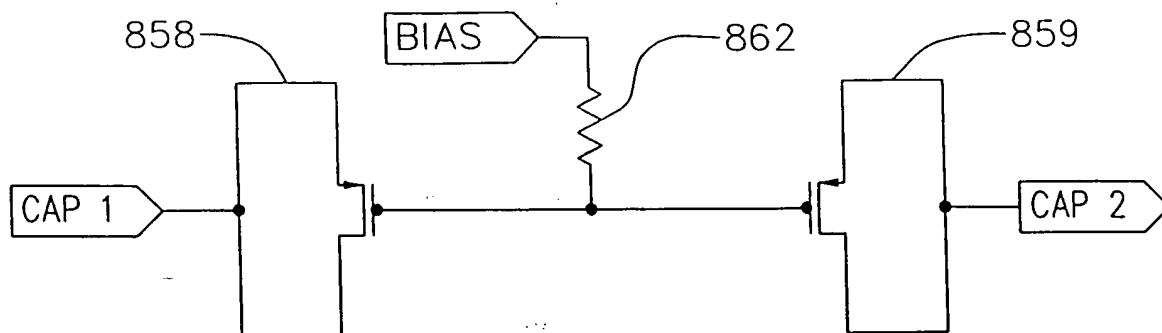


FIG. 46

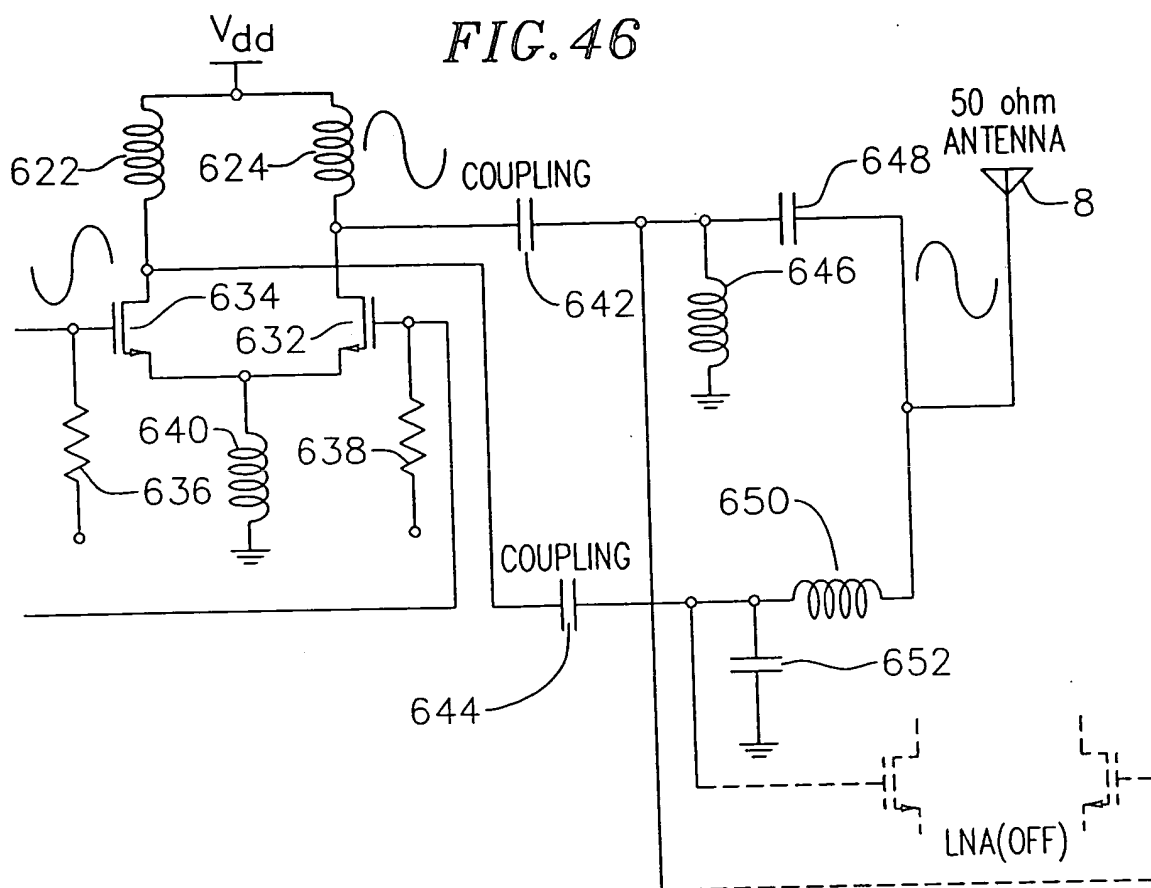


FIG. 47

